

Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094064.D
 Acq On : 30 Mar 2017 18:09
 Operator : SJ/MA
 Sample : PB97830BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 31 01:49:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	187618	20.00	ng	-0.04
21) Naphthalene-d8	7.42	136	766386	20.00	ng	-0.04
38) Acenaphthene-d10	9.56	164	352441	20.00	ng	-0.04
63) Phenanthrene-d10	11.39	188	602212	20.00	ng	-0.04
75) Chrysene-d12	14.64	240	435836	20.00	ng	-0.04
86) Perylene-d12	16.27	264	318057	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	4.46	112	1375543	123.83	ng	-0.01
7) Phenol-d6	5.53	99	1726705	125.65	ng	-0.02
23) Nitrobenzene-d5	6.57	82	1101142	82.00	ng	-0.04
41) 2,4,6-Tribromophenol	10.55	330	404377	145.20	ng	-0.03
44) 2-Fluorobiphenyl	8.75	172	2086368	90.29	ng	-0.04
78) Terphenyl-d14	13.37	244	1697466	87.30	ng	-0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.32	88	166042	31.11	ng	98
3) Pyridine	2.80	79	496076	34.11	ng	99
4) n-Nitrosodimethylamine	2.76	42	240661	40.21	ng	92
6) Aniline	5.55	93	463463	24.25	ng	# 1
8) 2-Chlorophenol	5.69	128	545538	44.68	ng	95
9) Benzaldehyde	5.40	77	92101	9.93	ng	98
10) Phenol	5.55	94	642784	41.11	ng	91
11) bis(2-Chloroethyl)ether	5.62	93	525205	42.98	ng	98
12) 1,3-Dichlorobenzene	5.85	146	576887	42.12	ng	99
13) 1,4-Dichlorobenzene	5.93	146	584859	42.16	ng	97
14) 1,2-Dichlorobenzene	6.11	146	540504	42.31	ng	97
15) Benzyl Alcohol	6.09	79	440294	43.78	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.25	45	702232	37.29	ng	92
17) 2-Methylphenol	6.23	107	454932	43.51	ng	94
18) Hexachloroethane	6.50	117	207298	42.52	ng	# 87
19) n-Nitroso-di-n-propylamine	6.40	70	385086	43.60	ng	97
20) 3+4-Methylphenols	6.42	107	599818	47.36	ng	# 62
22) Acetophenone	6.39	105	776888	45.48	ng	# 86
24) Nitrobenzene	6.59	77	562140	42.44	ng	95
25) Isophorone	6.88	82	1035470	43.88	ng	95
26) 2-Nitrophenol	6.96	139	316918	50.18	ng	96
27) 2,4-Dimethylphenol	7.03	122	514327	47.26	ng	98
28) bis(2-Chloroethoxy)methane	7.14	93	674582	43.35	ng	99
29) 2,4-Dichlorophenol	7.26	162	493531	48.50	ng	99
30) 1,2,4-Trichlorobenzene	7.35	180	472995	45.13	ng	99
31) Naphthalene	7.45	128	1558002	42.28	ng	99
32) Benzoic acid	7.21	122	352552	48.66	ng	98
33) 4-Chloroaniline	7.51	127	287043	19.22	ng	94
34) Hexachlorobutadiene	7.60	225	238060	44.29	ng	98
35) Caprolactam	7.97	113	82786	25.51	ng	94
36) 4-Chloro-3-methylphenol	8.14	107	525633	49.44	ng	89
37) 2-Methylnaphthalene	8.29	142	1121539	45.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	416660	43.22	ng	99
40) Hexachlorocyclopentadiene	8.49	237	429902	95.29	ng	96

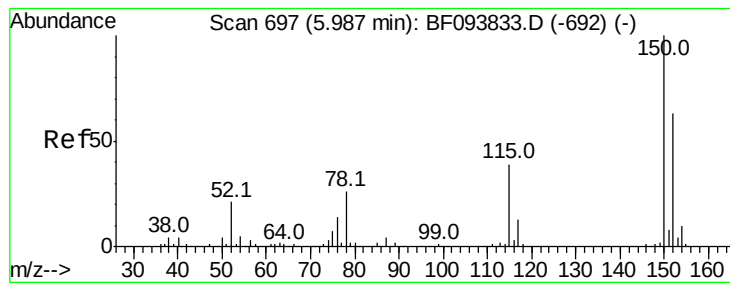
Data Path : Z:\HPCHEM1\BNA F\DATA\BF033017\
 Data File : BF094064.D
 Acq On : 30 Mar 2017 18:09
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Quant Time: Mar 31 01:49:39 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	339649	49.79	nq	99
43) 2,4,5-Trichlorophenol	8.70	196	339754	46.03	nq	# 92
45) 1,1'-Biphenyl	8.86	154	1253280	44.09	nq	97
46) 2-Chloronaphthalene	8.89	162	987019	44.35	nq	96
47) 2-Nitroaniline	9.02	65	297636	45.09	nq	# 84
48) Acenaphthylene	9.39	152	1571622	42.50	nq	100
49) Dimethylphthalate	9.26	163	1202057	47.98	nq	99
50) 2,6-Dinitrotoluene	9.32	165	271475	47.27	nq	93
51) Acenaphthene	9.60	154	934383	43.30	nq	99
52) 3-Nitroaniline	9.52	138	157539	23.36	nq	91
53) 2,4-Dinitrophenol	9.66	184	289814	93.47	nq	# 73
54) Dibenzofuran	9.82	168	1345622	45.81	nq	99
55) 4-Nitrophenol	9.77	139	425477	80.56	nq	# 66
56) 2,4-Dinitrotoluene	9.82	165	327221	45.36	nq	# 69
57) Fluorene	10.24	166	1010326	41.47	nq	99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	253690	50.09	nq	97
59) Diethylphthalate	10.13	149	1170136	47.26	nq	98
60) 4-Chlorophenyl-phenylether	10.25	204	449114	43.27	nq	94
61) 4-Nitroaniline	10.29	138	284081	43.90	nq	95
62) Azobenzene	10.44	77	1104812	47.17	nq	97
64) 4,6-Dinitro-2-methylphenol	10.32	198	185382	50.27	nq	# 73
65) n-Nitrosodiphenylamine	10.40	169	969216	46.54	nq	97
66) 4-Bromophenyl-phenylether	10.85	248	285659	48.23	nq	98
67) Hexachlorobenzene	10.92	284	288556	48.13	nq	# 85
68) Atrazine	11.07	200	287904	46.15	nq	96
69) Pentachlorophenol	11.17	266	288469	77.30	nq	99
70) Phenanthrene	11.42	178	1496073	44.66	nq	99
71) Anthracene	11.49	178	1566024	45.40	nq	99
72) Carbazole	11.69	167	1422733	40.22	nq	99
73) Di-n-butylphthalate	12.13	149	1777547	48.33	nq	99
74) Fluoranthene	12.88	202	1512568	44.09	nq	99
76) Benzidine	13.05	184	509512	29.54	nq	# 92
77) Pyrene	13.16	202	1508683	47.70	nq	100
79) Butylbenzylphthalate	13.97	149	726212	53.89	nq	# 86
80) Benzo(a)anthracene	14.63	228	1176942	46.31	nq	99
81) 3,3'-Dichlorobenzidine	14.60	252	239451	26.36	nq	# 96
82) Chrysene	14.67	228	1011033	42.87	nq	99
83) Bis(2-ethylhexyl)phthalate	14.69	149	965678	52.52	nq	# 98
84) Di-n-octyl phthalate	15.44	149	1536615	50.03	nq	98
85) Indeno(1,2,3-cd)pyrene	17.63	276	886535	43.40	nq	100
87) Benzo(b)fluoranthene	15.86	252	983507	50.45	nq	98
88) Benzo(k)fluoranthene	15.86	252	983507	51.56	nq	96
89) Benzo(a)pyrene	16.22	252	841458	46.87	nq	99
90) Dibenzo(a,h)anthracene	17.65	278	734922	48.34	nq	98
91) Benzo(g,h,i)perylene	18.04	276	750278	48.96	nq	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.92 min Scan# 685

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

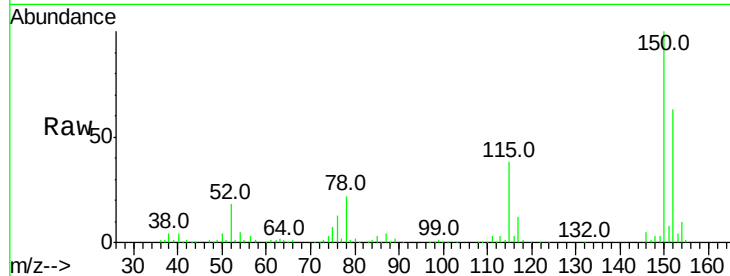
Tot Ion:152 Resp: 187618

Ion Ratio Lower Upper

152 100

150 158.4 126.2 189.2

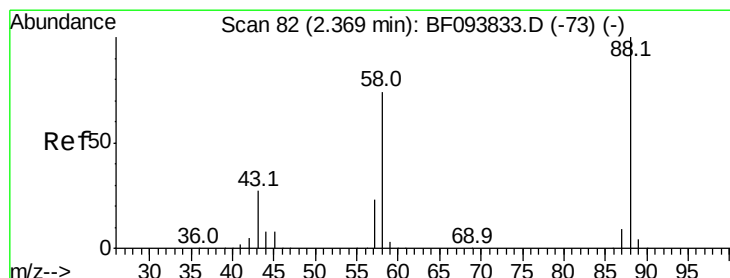
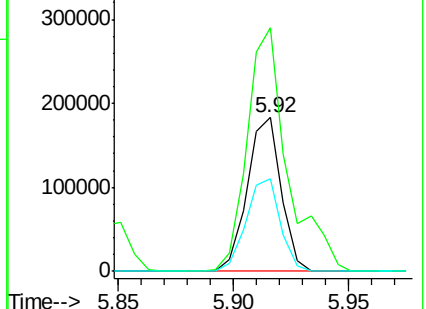
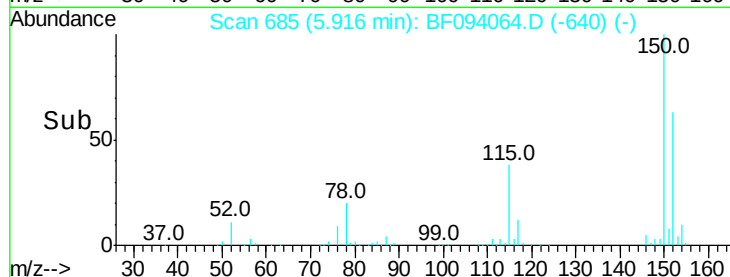
115 60.5 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 31.11 ng

RT: 2.32 min Scan# 74

Delta R.T. 0.00 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

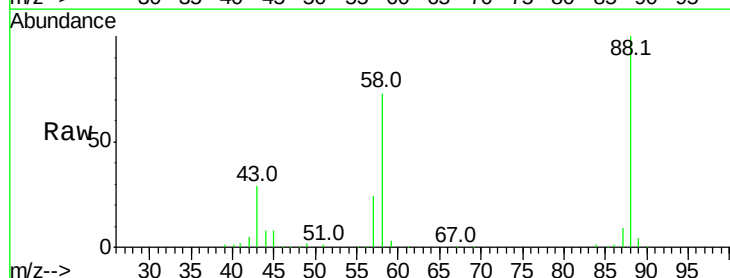
Tgt Ion: 88 Resp: 166042

Ion Ratio Lower Upper

88 100

58 74.7 61.4 92.0

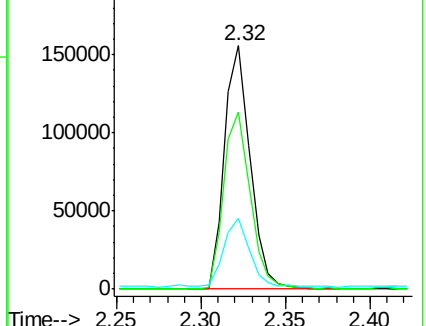
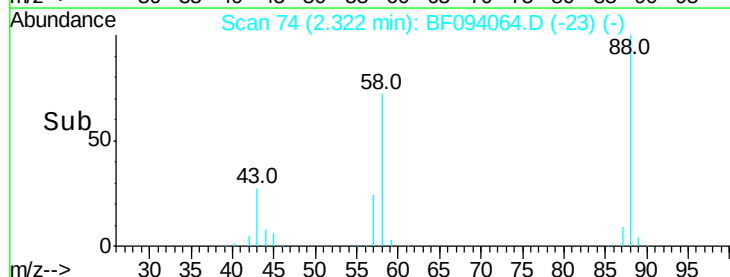
43 29.5 23.4 35.0

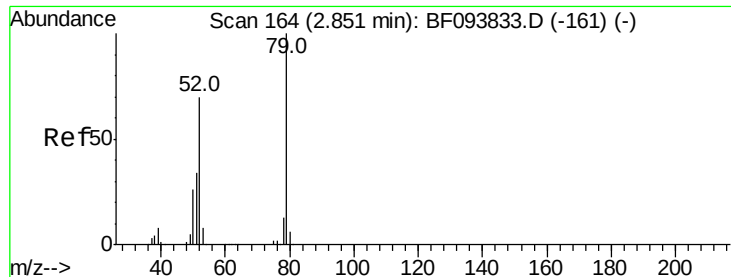


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 34.11 ng

RT: 2.80 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

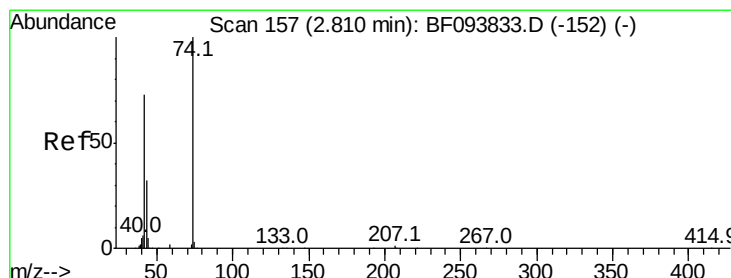
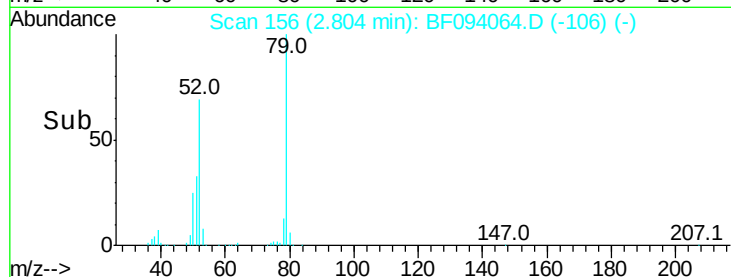
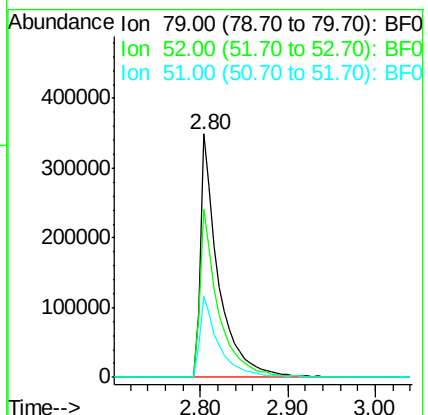
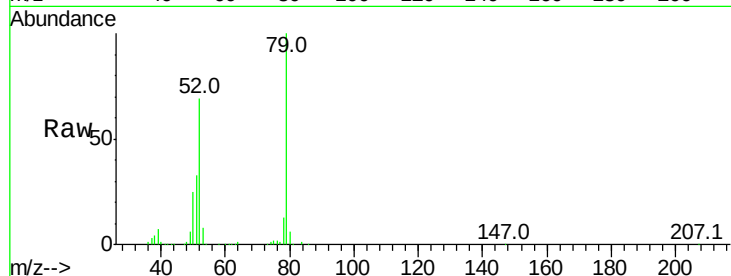
Tot Ion: 79 Resp: 496076

Ion Ratio Lower Upper

79 100

52 68.9 54.8 82.2

51 33.2 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 40.21 ng

RT: 2.76 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

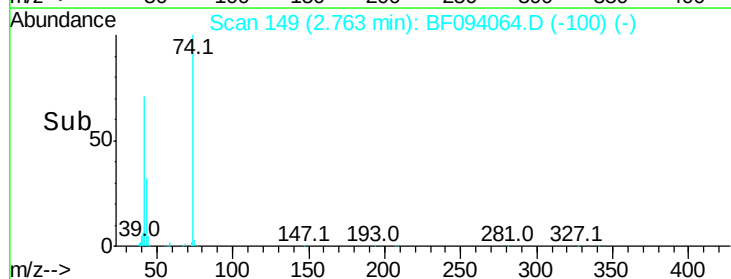
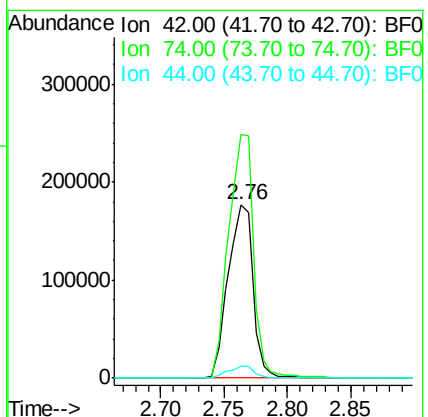
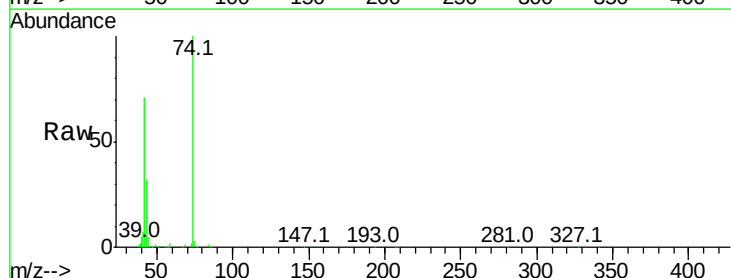
Tgt Ion: 42 Resp: 240661

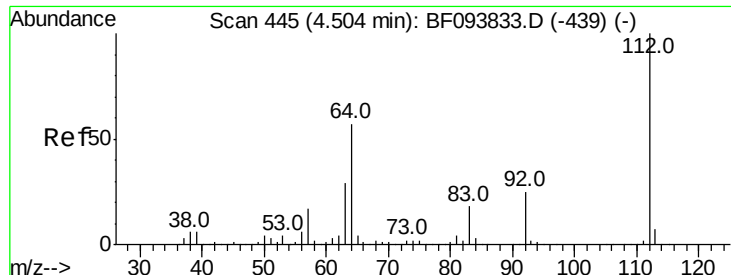
Ion Ratio Lower Upper

42 100

74 140.1 103.9 155.9

44 7.1 5.7 8.5





#5

2-Fluorophenol

Concen: 123.83 ng

RT: 4.46 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampled :

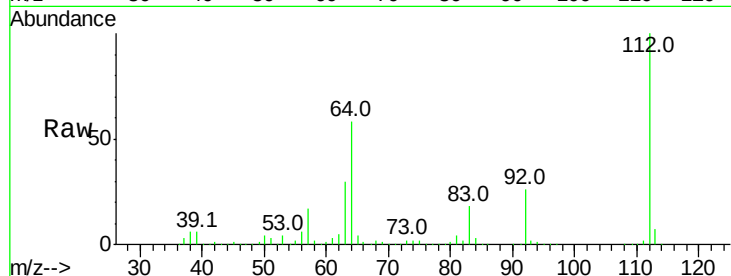
Tot Ion:112 Resp: 1375543

Ion Ratio Lower Upper

112 100

64 58.3 46.0 69.0

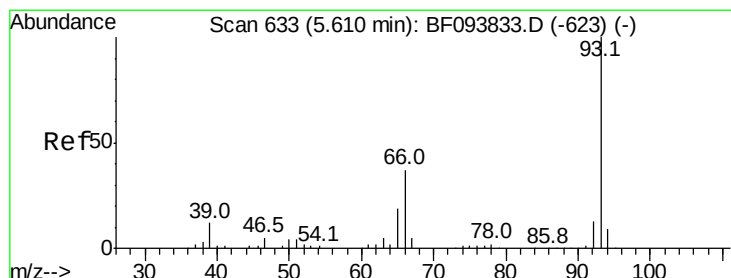
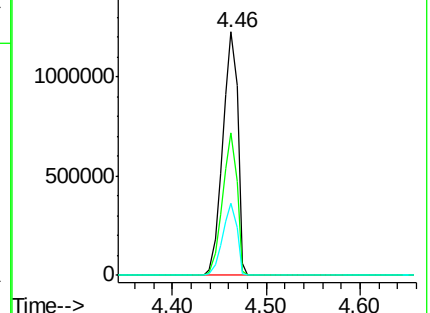
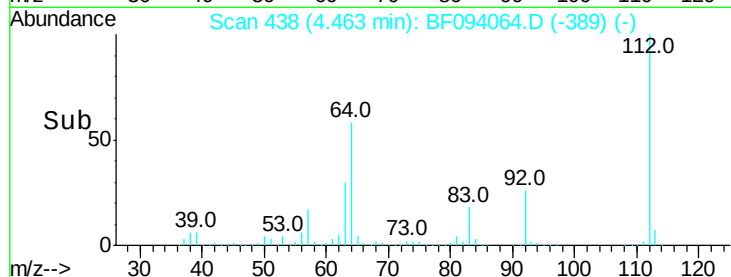
63 29.7 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.25 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

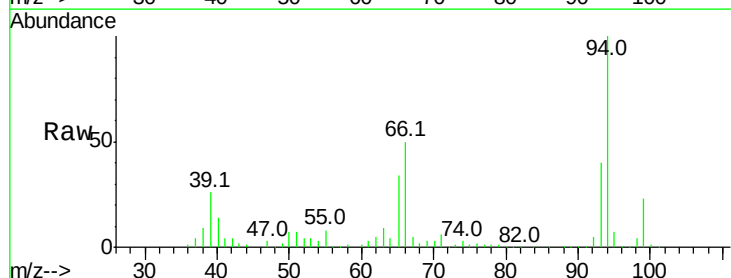
Tgt Ion: 93 Resp: 463463

Ion Ratio Lower Upper

93 100

66 123.3 32.9 49.3#

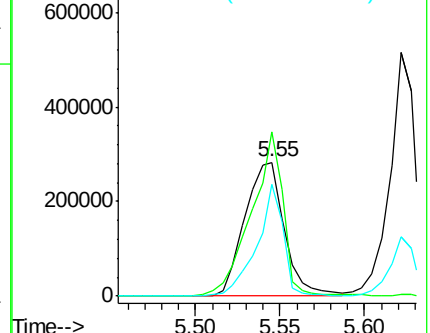
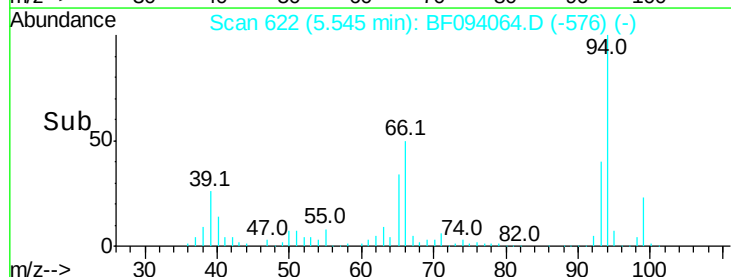
65 84.0 16.0 24.0#

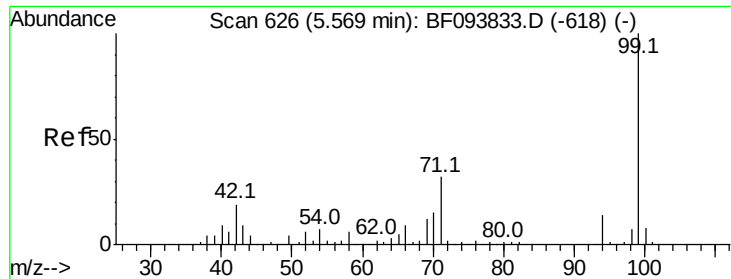


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.65 ng

RT: 5.53 min Scan# 620

Delta R.T. -0.02 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

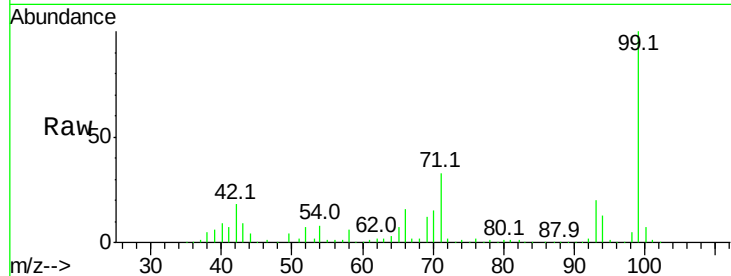
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1726705

Ion	Ratio	Lower	Upper
99	100		
42	17.9	13.5	20.3
71	33.5	24.5	36.7

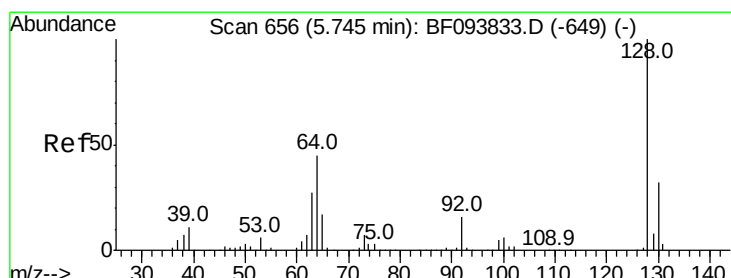
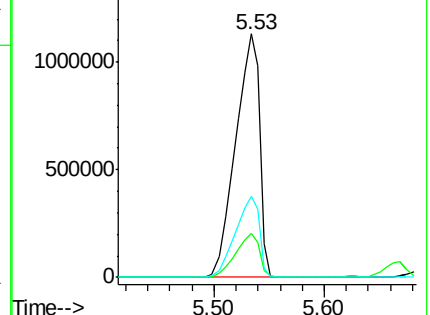
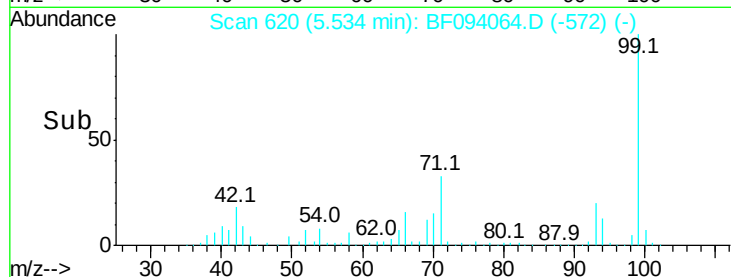


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 44.68 ng

RT: 5.69 min Scan# 646

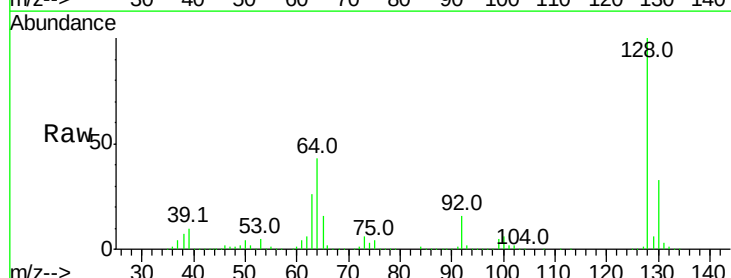
Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Tgt Ion:128 Resp: 545538

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.9	52.9
64	42.7	28.4	68.4

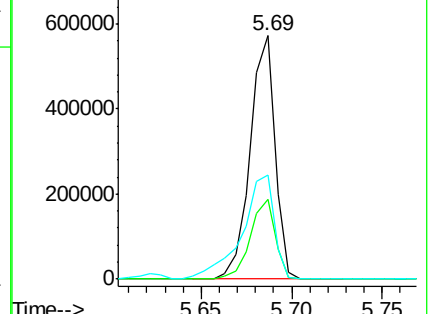
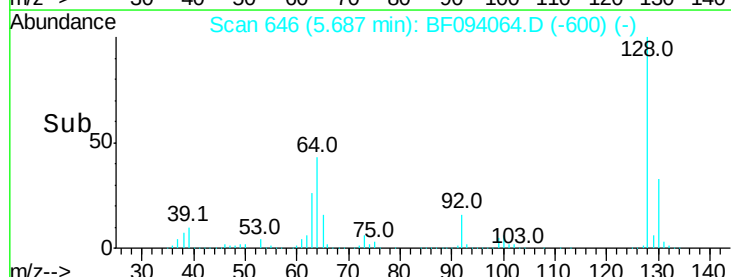


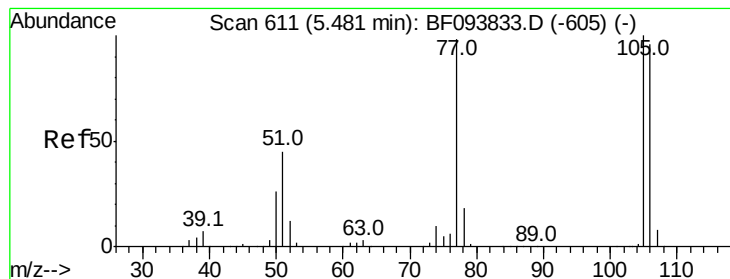
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.93 ng

RT: 5.40 min Scan# 598

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

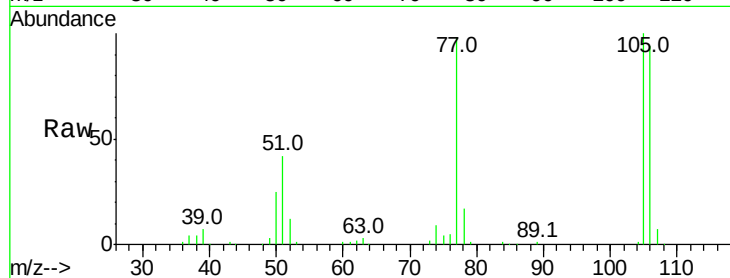
Tot Ion: 77 Resp: 92101

Ion Ratio Lower Upper

77 100

105 102.6 83.8 123.8

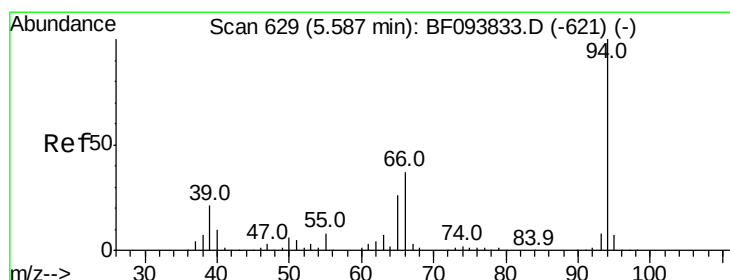
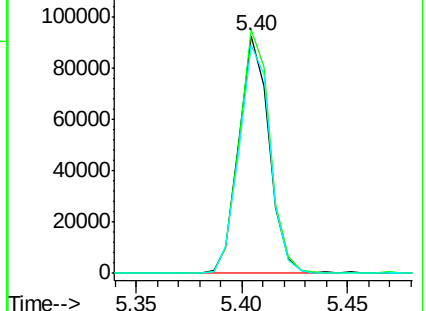
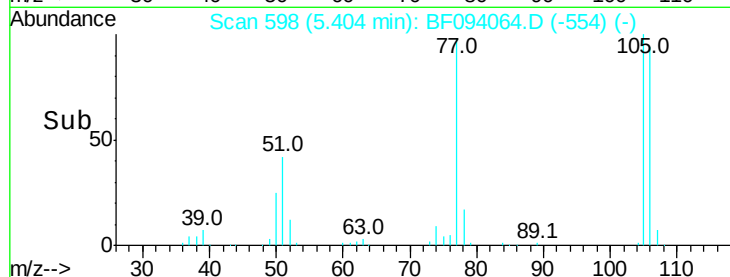
106 96.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.11 ng

RT: 5.55 min Scan# 622

Delta R.T. -0.02 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

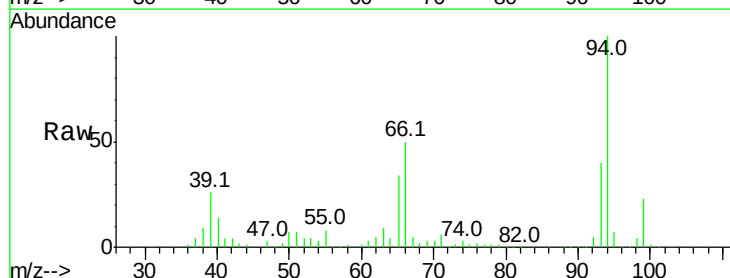
Tgt Ion: 94 Resp: 642784

Ion Ratio Lower Upper

94 100

65 34.0 9.9 49.9

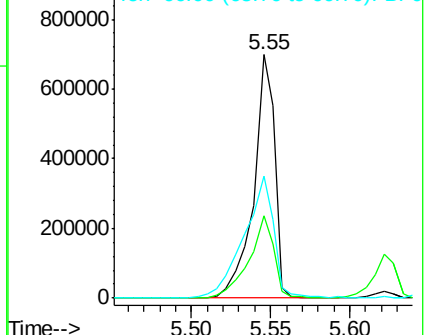
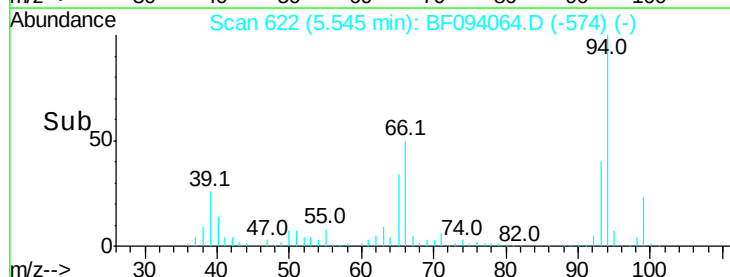
66 49.9 23.1 63.1

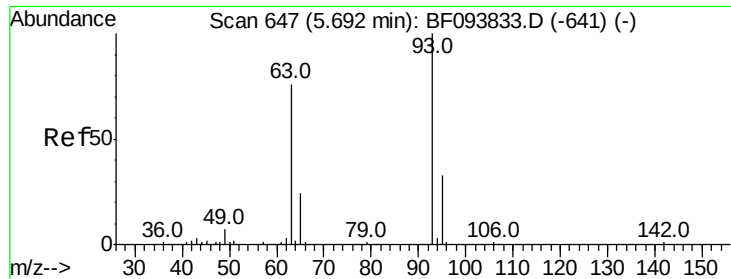


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 42.98 ng

RT: 5.62 min Scan# 635

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

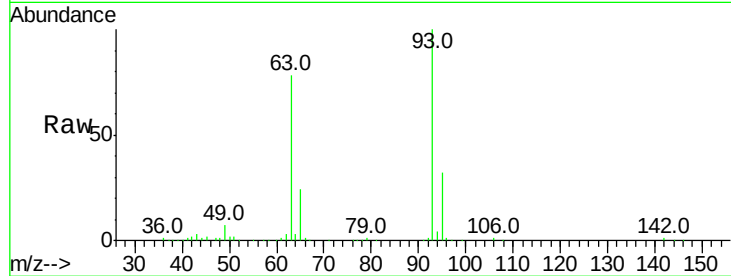
Tot Ion: 93 Resp: 525205

Ion Ratio Lower Upper

93 100

63 77.9 59.2 99.2

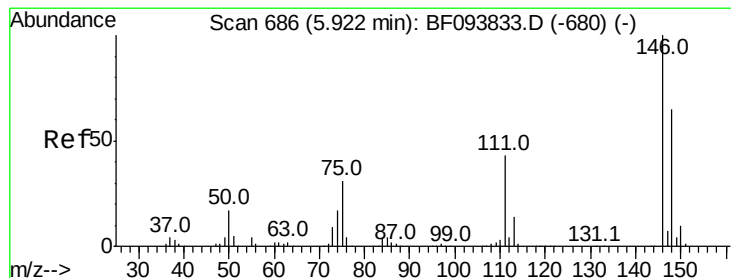
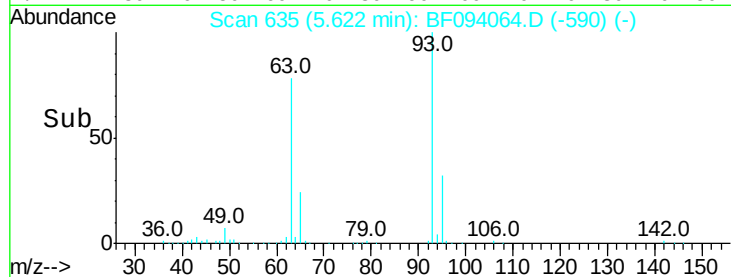
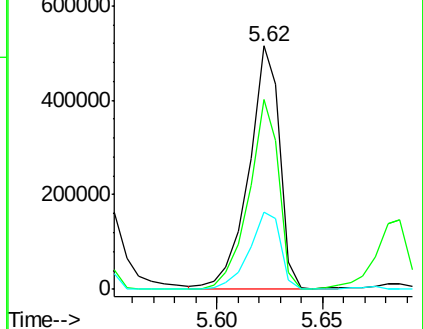
95 31.9 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 42.12 ng

RT: 5.85 min Scan# 674

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

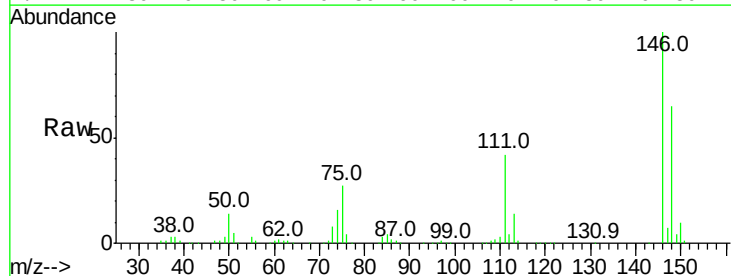
Tgt Ion: 146 Resp: 576887

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

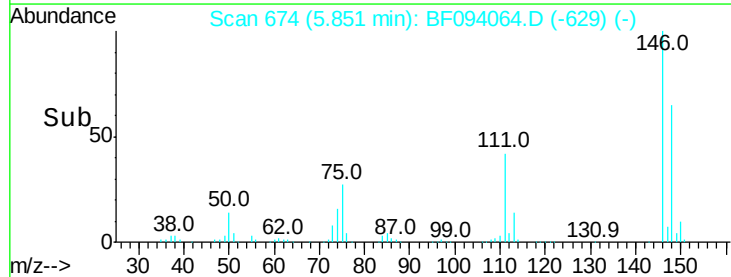
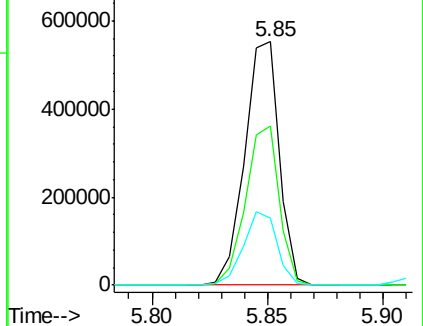
75 27.3 23.1 34.7

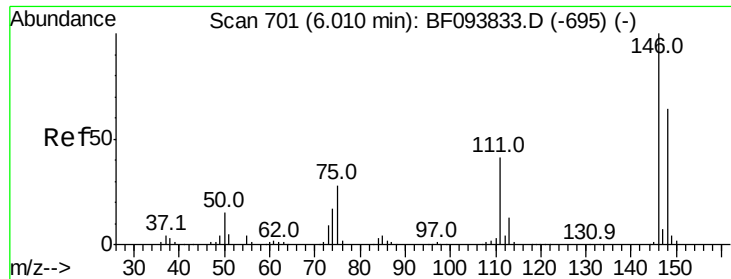


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

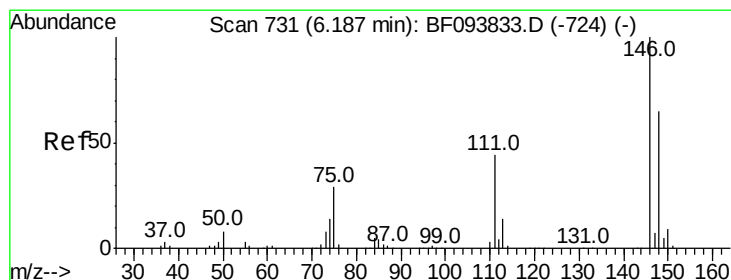
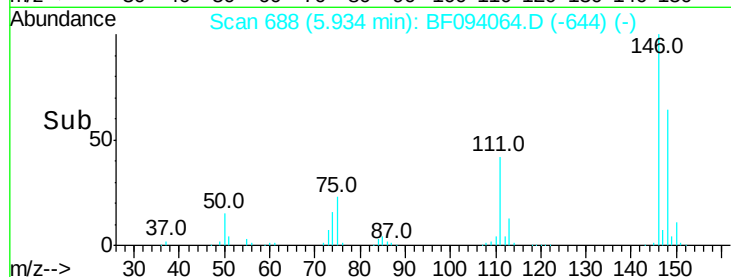
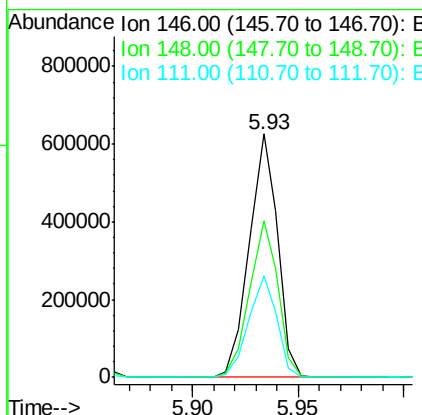
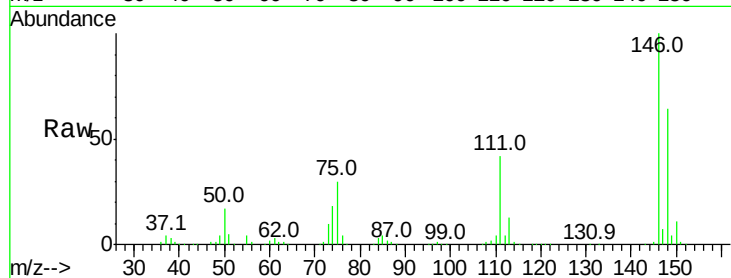




#13
 1,4-Dichlorobenzene
 Concen: 42.16 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

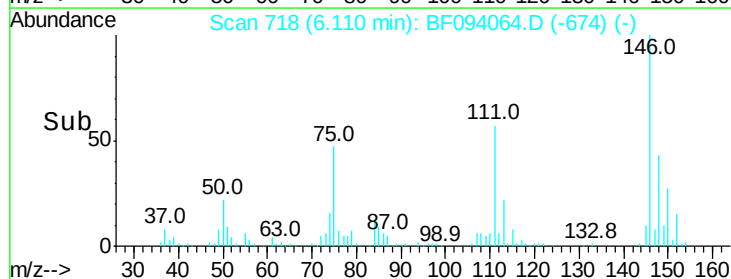
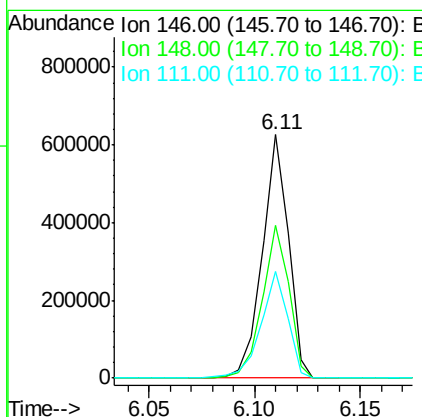
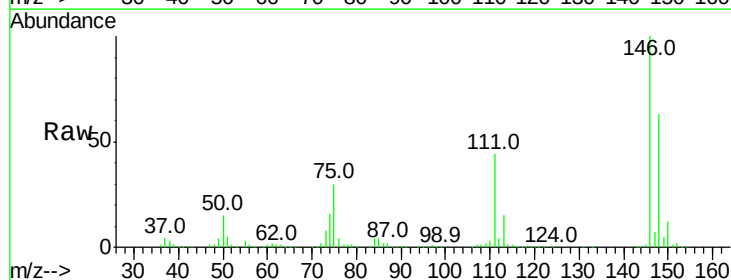
Instrument :
 BNA_F
 ClientSampleId :

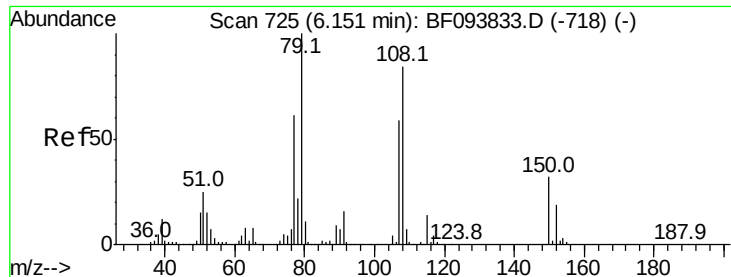
Tot Ion:146 Resp: 584859
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 42.31 ng
 RT: 6.11 min Scan# 718
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:146 Resp: 540504
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.4 75.6
 111 43.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 43.78 ng

RT: 6.09 min Scan# 714

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

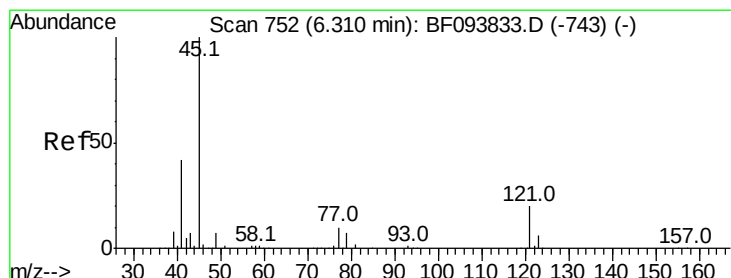
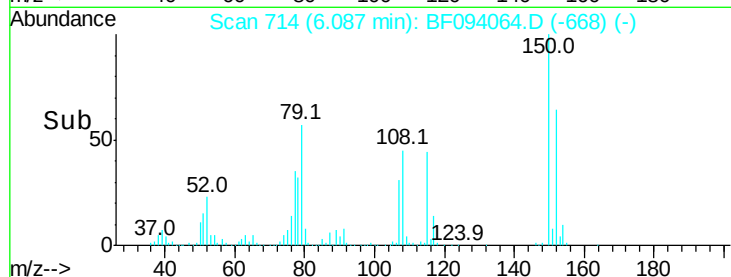
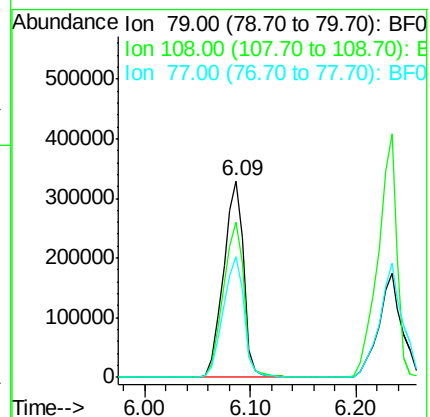
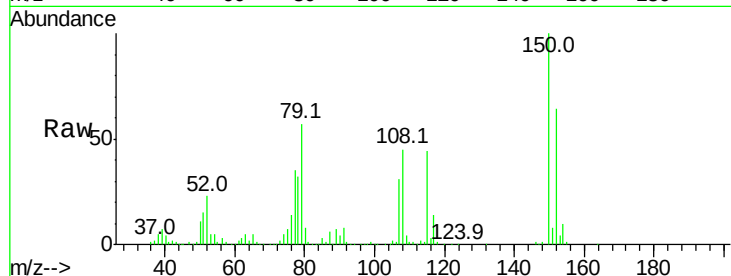
Tot Ion: 79 Resp: 440294

Ion Ratio Lower Upper

79 100

108 79.2 63.4 95.0

77 61.2 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.29 ng

RT: 6.25 min Scan# 741

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

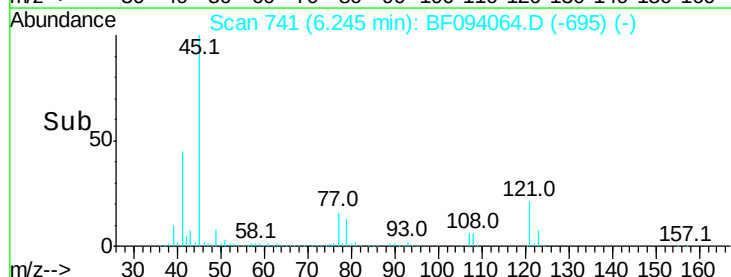
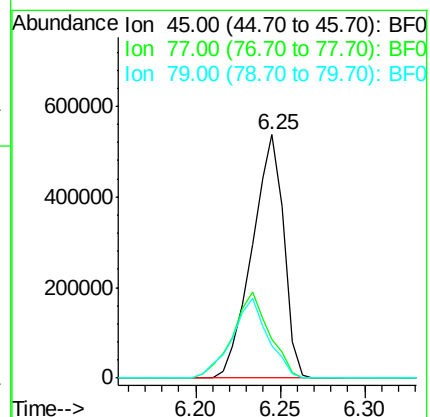
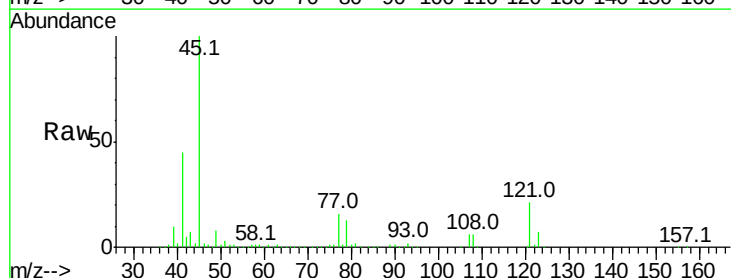
Tgt Ion: 45 Resp: 702232

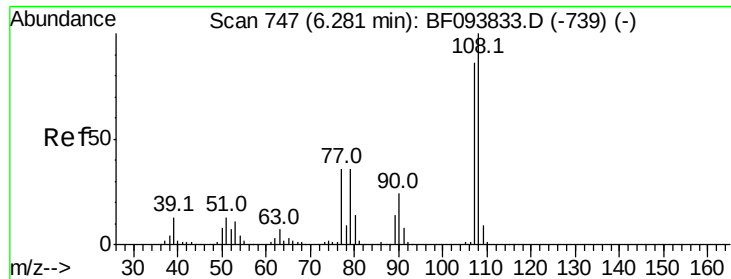
Ion Ratio Lower Upper

45 100

77 16.2 0.0 33.2

79 13.3 0.0 30.0

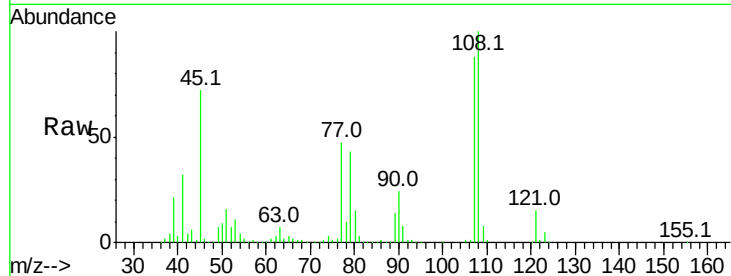




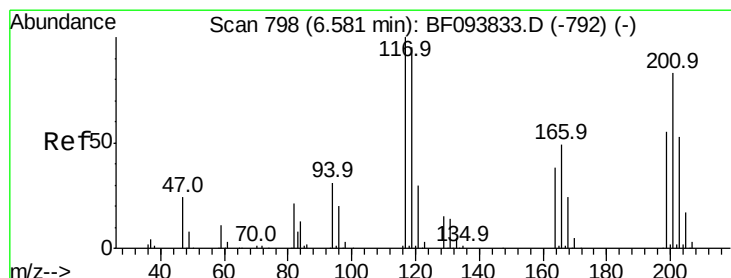
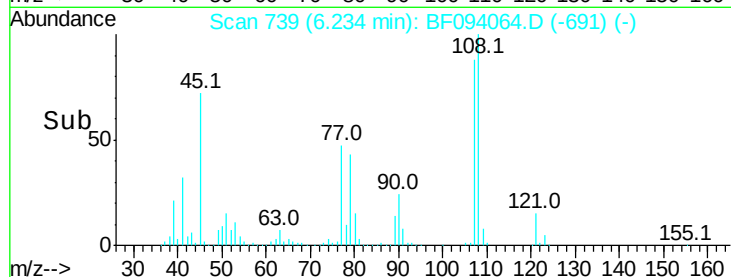
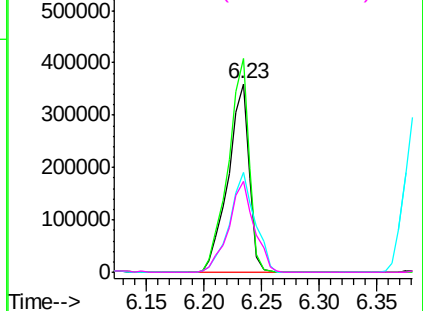
#17
2-Methylphenol
Concen: 43.51 ng
RT: 6.23 min Scan# 739
Delta R.T. -0.02 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 454932
Ion Ratio Lower Upper
107 100
108 113.4 93.4 140.0
77 53.1 35.8 53.6
79 48.6 34.8 52.2

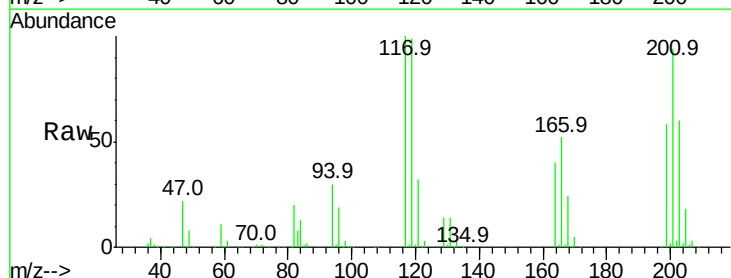


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

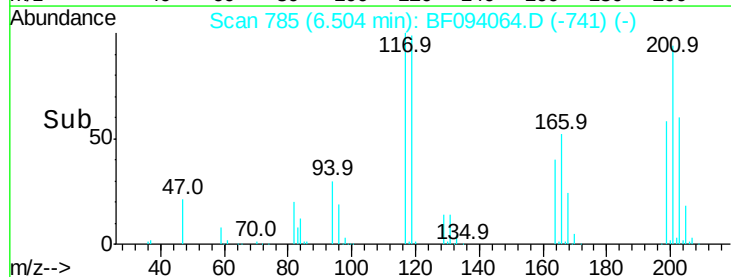
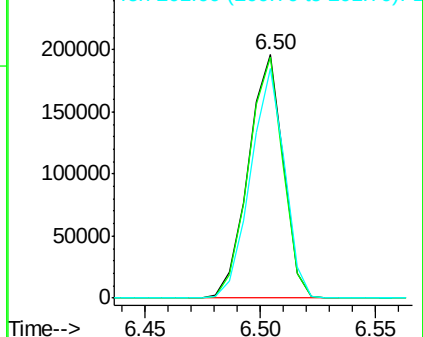


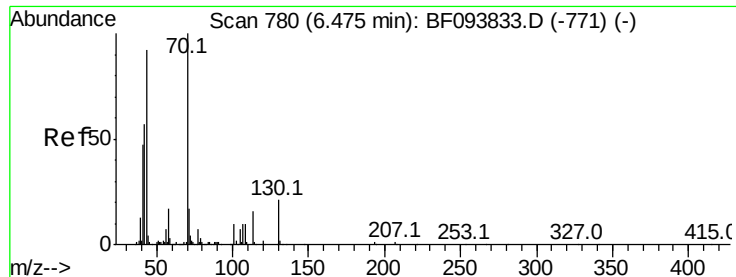
#18
Hexachloroethane
Concen: 42.52 ng
RT: 6.50 min Scan# 785
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:117 Resp: 207298
Ion Ratio Lower Upper
117 100
119 99.0 77.4 116.0
201 94.2 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.60 ng

RT: 6.40 min Scan# 768

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 385086

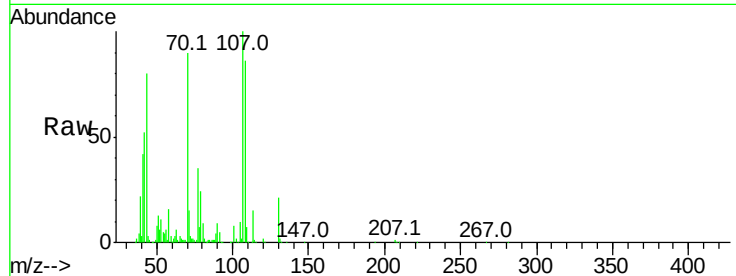
Ion Ratio Lower Upper

70 100

42 57.5 47.2 70.8

101 9.2 7.2 10.8

130 23.0 15.9 23.9

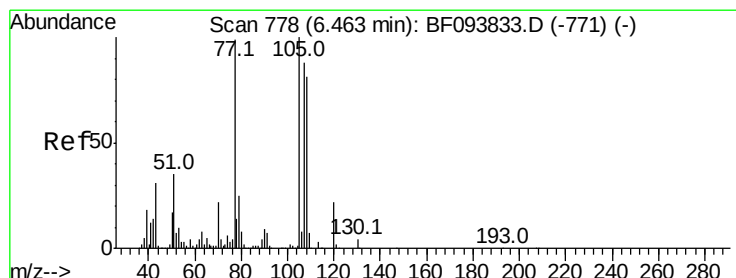
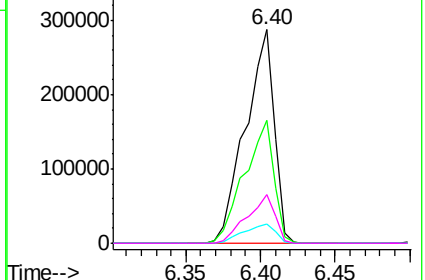
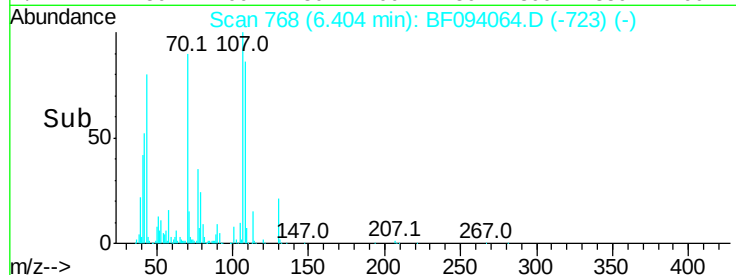


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 47.36 ng

RT: 6.42 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Tgt Ion: 107 Resp: 599818

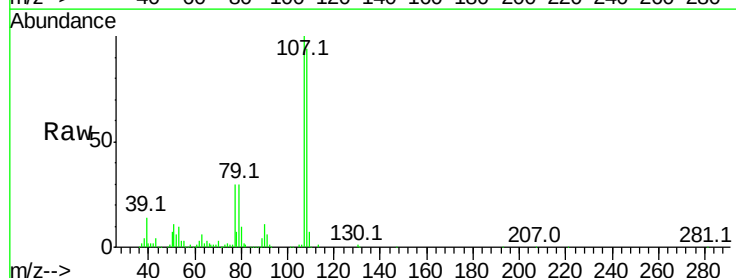
Ion Ratio Lower Upper

107 100

108 94.2 71.0 111.0

77 30.3 90.5 130.5#

79 30.2 8.4 48.4

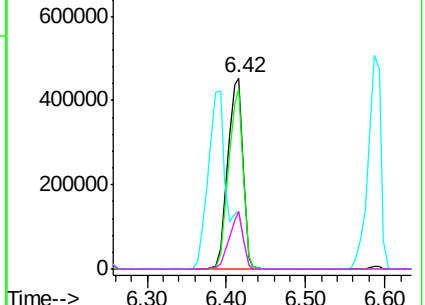
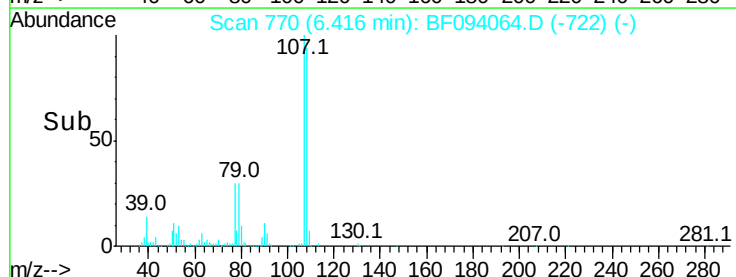


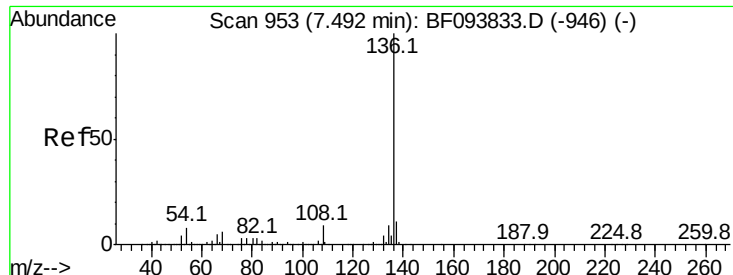
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.42 min Scan# 941

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 766386

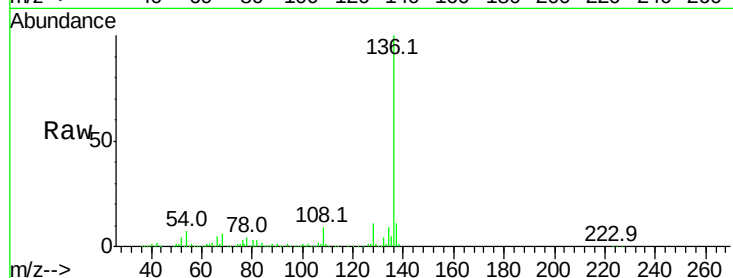
Ion Ratio Lower Upper

136 100

137 10.5 8.5 12.7

54 7.2 4.9 7.3

68 5.5 4.1 6.1

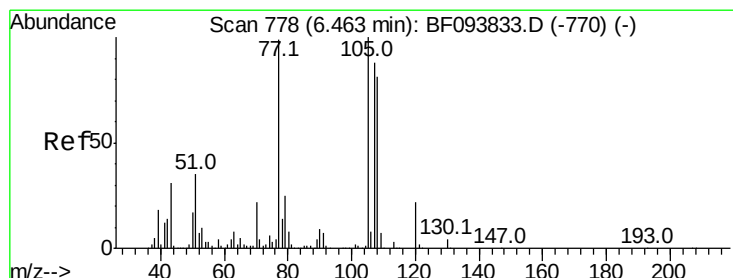
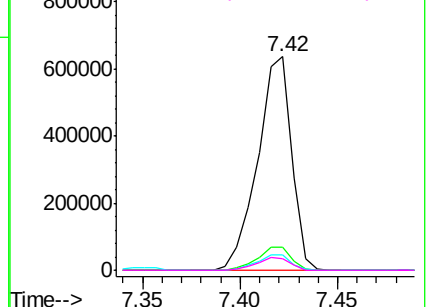
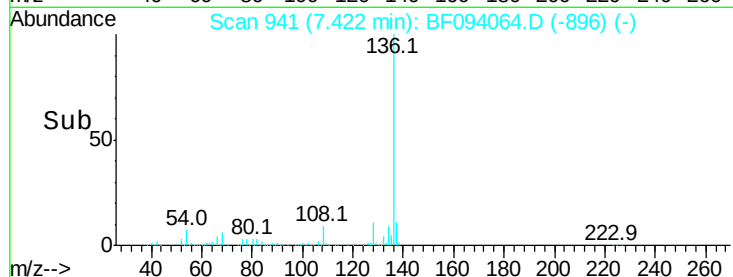


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.48 ng

RT: 6.39 min Scan# 766

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Tgt Ion:105 Resp: 776888

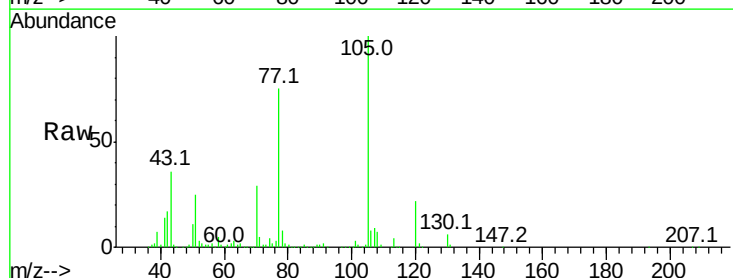
Ion Ratio Lower Upper

105 100

71 4.9 2.8 4.2#

51 24.6 30.7 46.1#

120 22.1 17.4 26.0

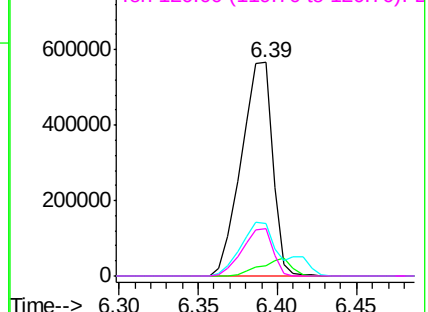
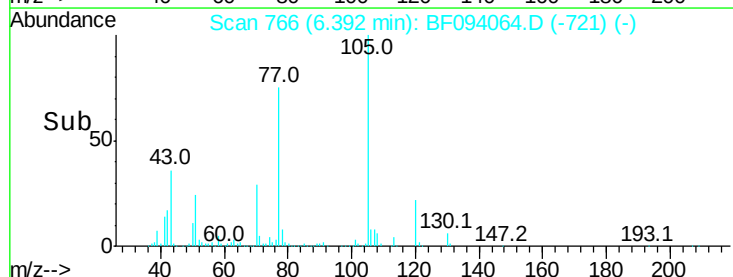


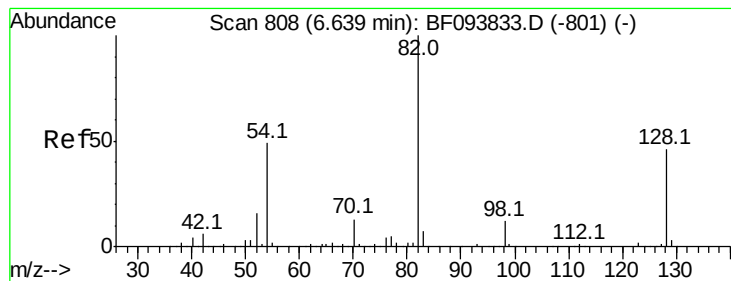
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 82.00 ng

RT: 6.57 min Scan# 796

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

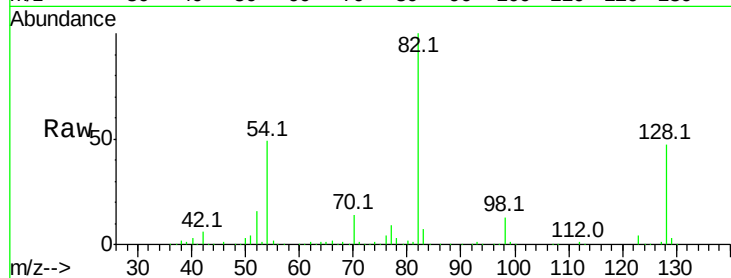
Tot Ion: 82 Resp: 1101142

Ion Ratio Lower Upper

82 100

128 47.1 34.0 51.0

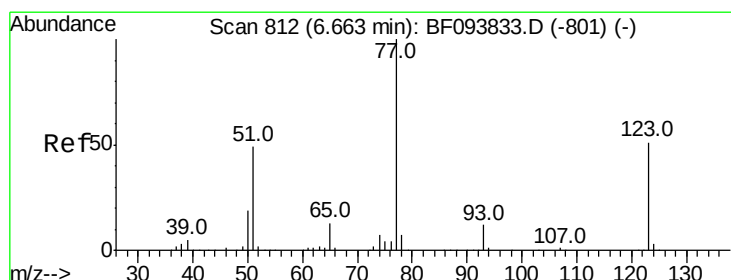
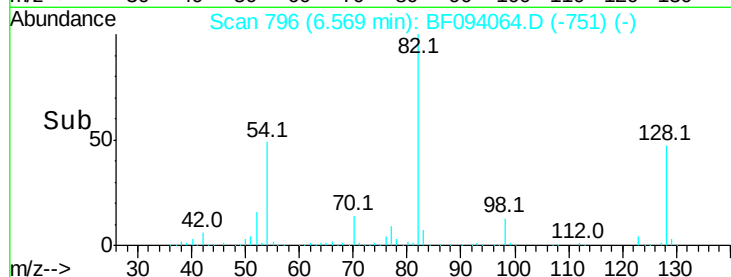
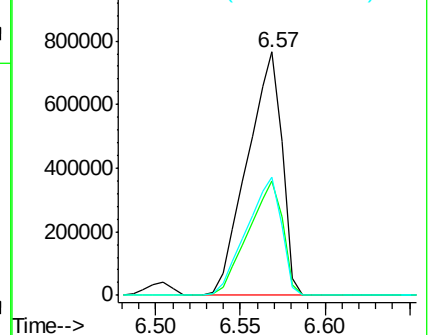
54 48.5 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 42.44 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

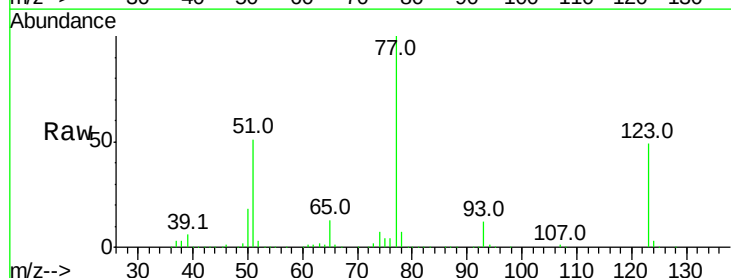
Tgt Ion: 77 Resp: 562140

Ion Ratio Lower Upper

77 100

123 48.6 35.8 53.8

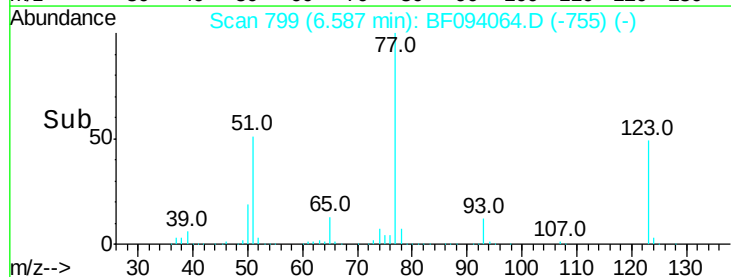
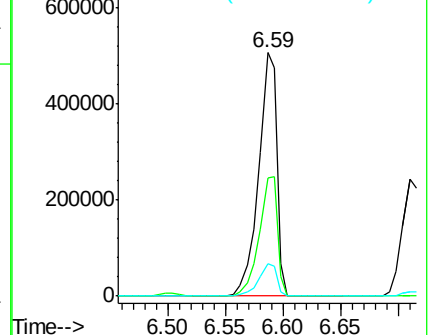
65 13.3 10.6 15.8

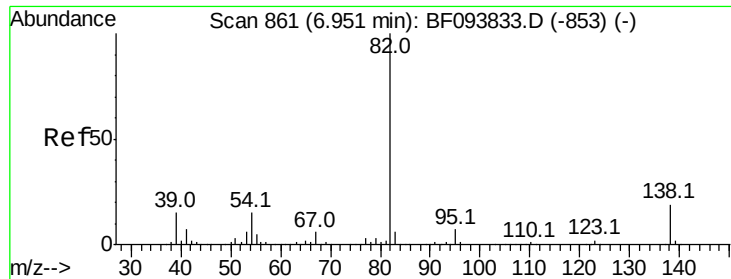


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.88 ng

RT: 6.88 min Scan# 849

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

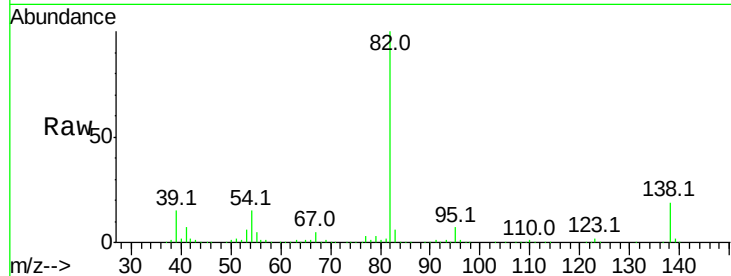
Tot Ion: 82 Resp: 1035470

Ion Ratio Lower Upper

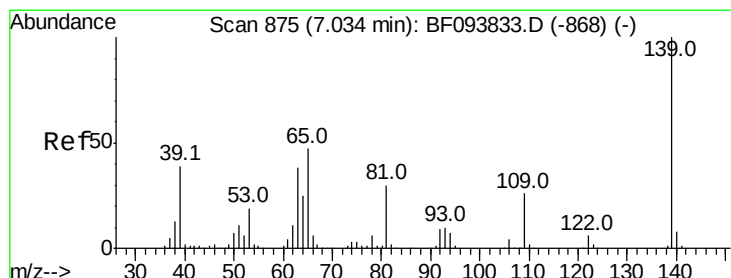
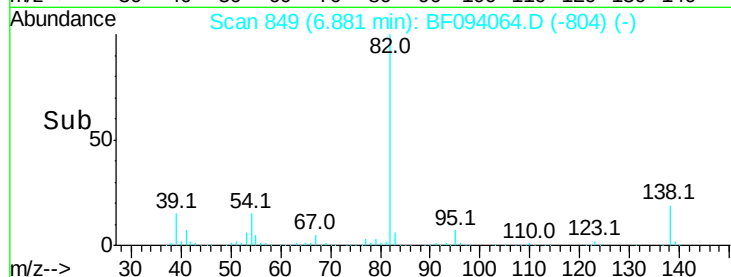
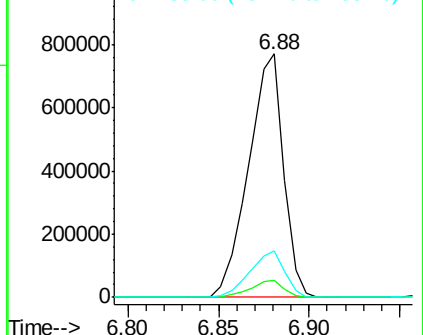
82 100

95 7.0 5.3 7.9

138 19.3 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 50.18 ng

RT: 6.96 min Scan# 863

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

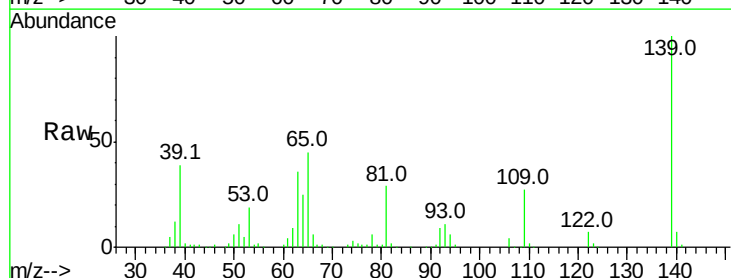
Tgt Ion:139 Resp: 316918

Ion Ratio Lower Upper

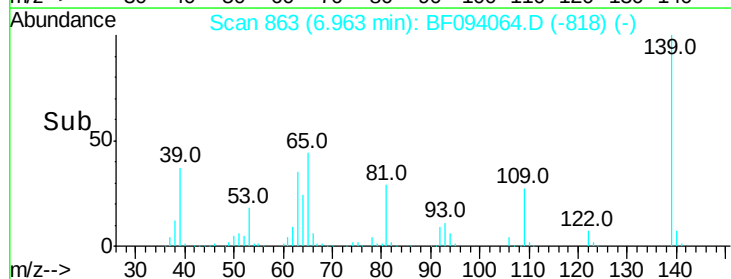
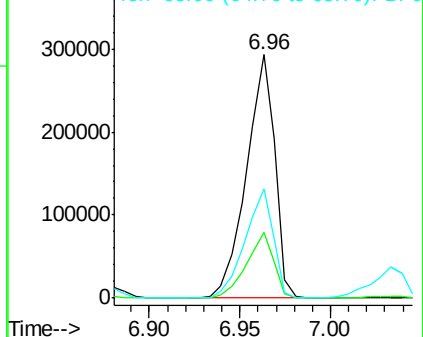
139 100

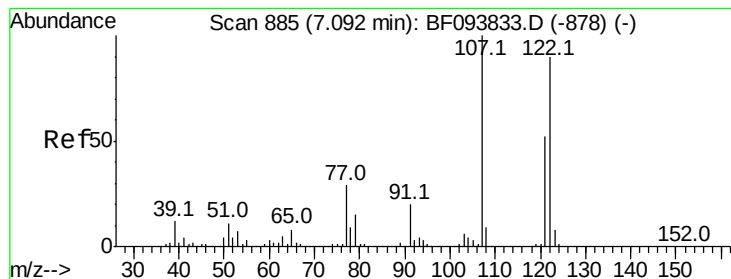
109 26.7 21.0 31.6

65 45.0 33.0 49.6



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 47.26 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

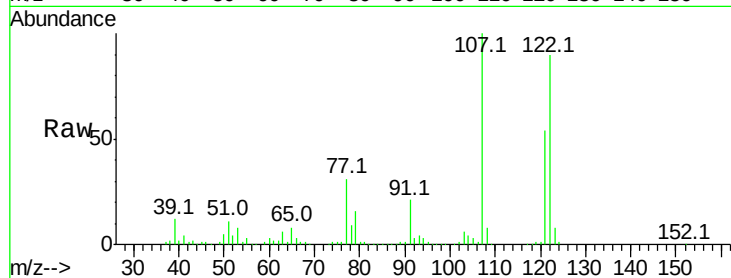
Tot Ion:122 Resp: 514327

Ion Ratio Lower Upper

122 100

107 111.7 89.2 133.8

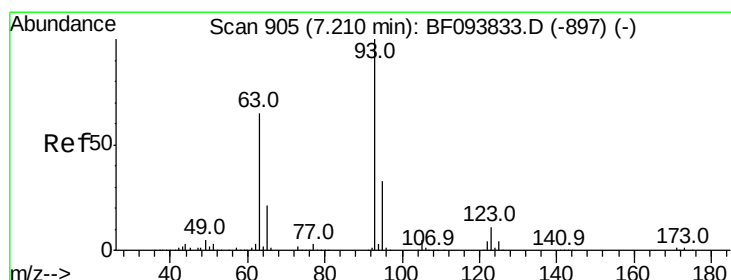
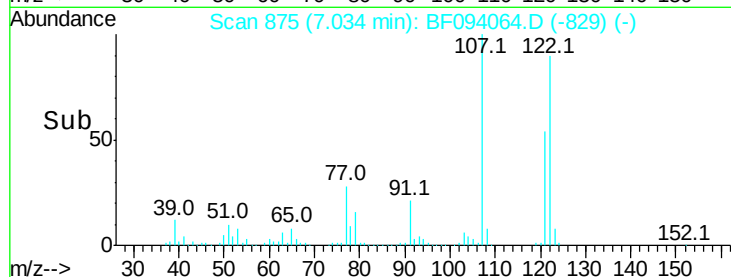
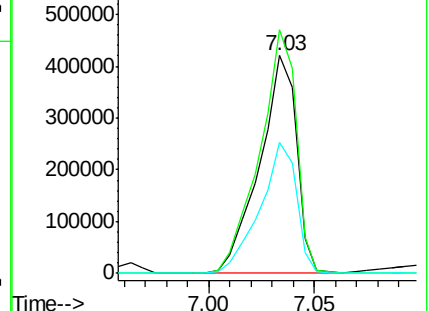
121 60.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.35 ng

RT: 7.14 min Scan# 893

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

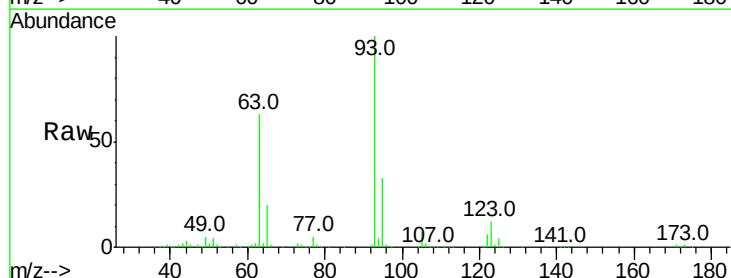
Tgt Ion: 93 Resp: 674582

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

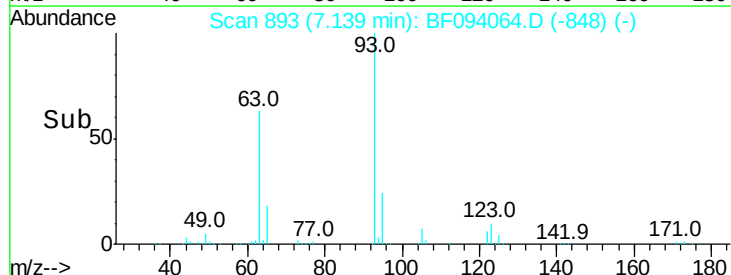
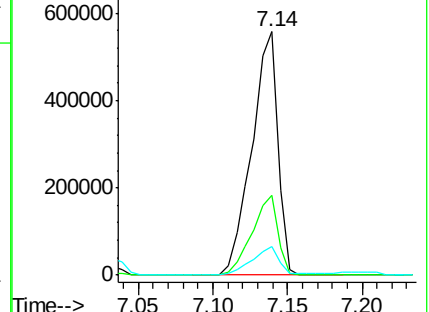
123 11.8 9.0 13.4

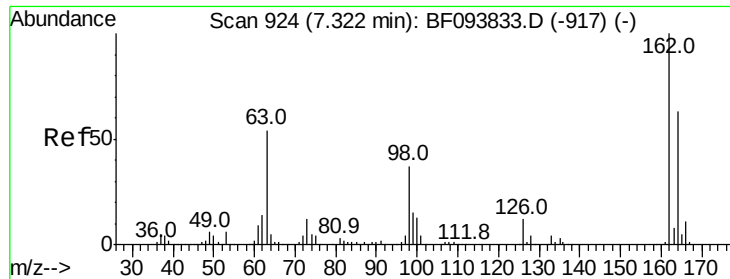


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

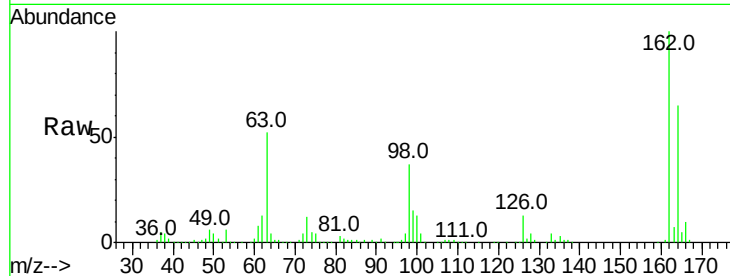




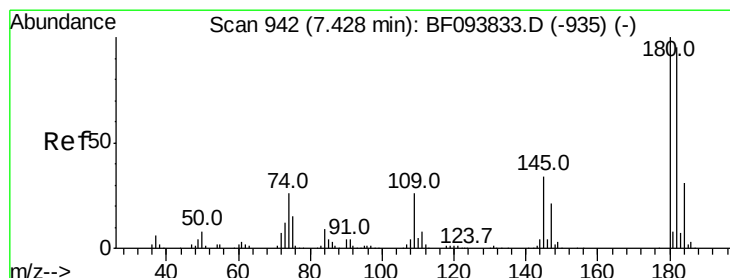
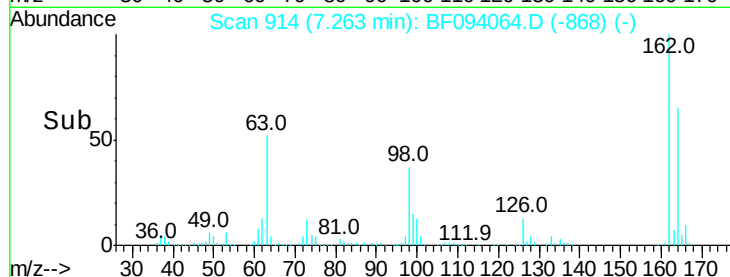
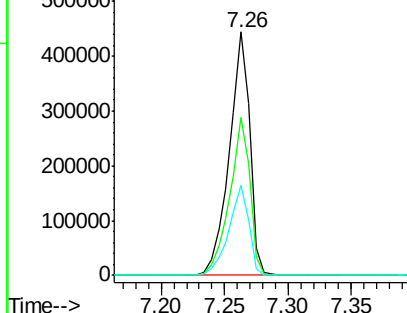
#29
 2,4-Dichlorophenol
 Concen: 48.50 ng
 RT: 7.26 min Scan# 914
 Delta R.T. -0.03 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:162 Resp: 493531
 Ion Ratio Lower Upper
 162 100
 164 64.6 44.6 84.6
 98 37.2 14.8 54.8

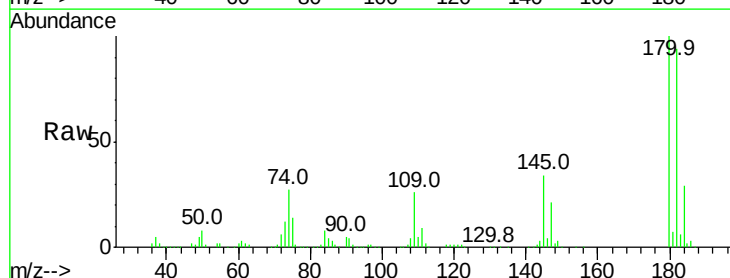


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

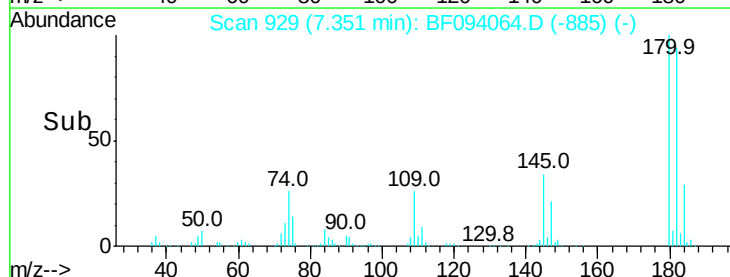
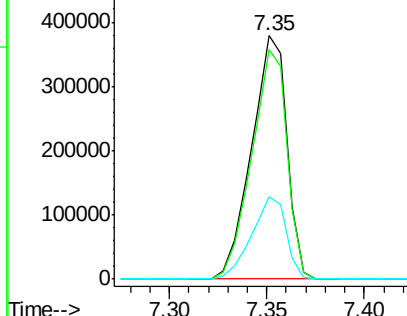


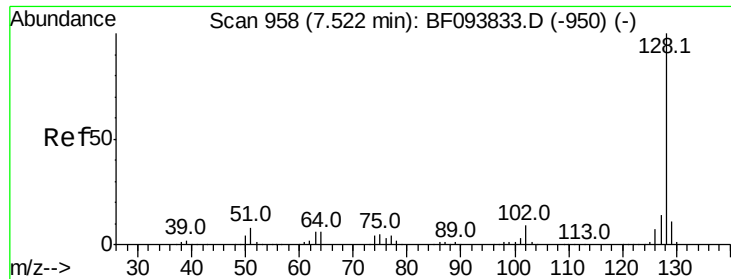
#30
 1,2,4-Trichlorobenzene
 Concen: 45.13 ng
 RT: 7.35 min Scan# 929
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:180 Resp: 472995
 Ion Ratio Lower Upper
 180 100
 182 94.5 75.8 113.6
 145 33.7 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

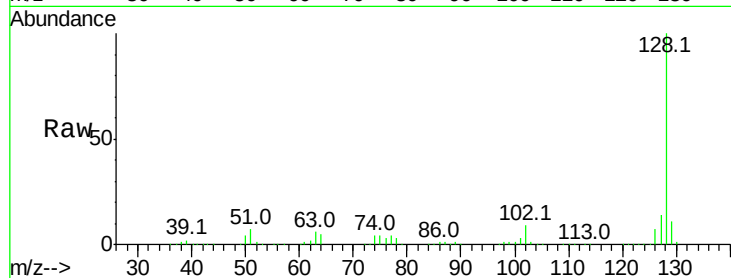




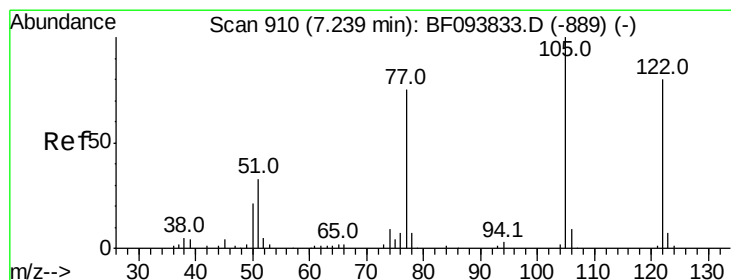
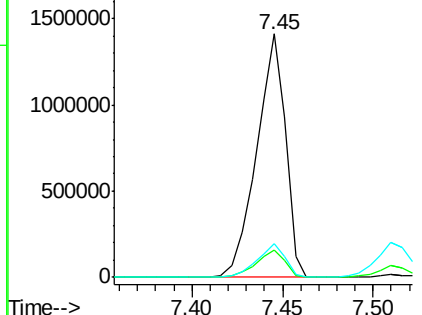
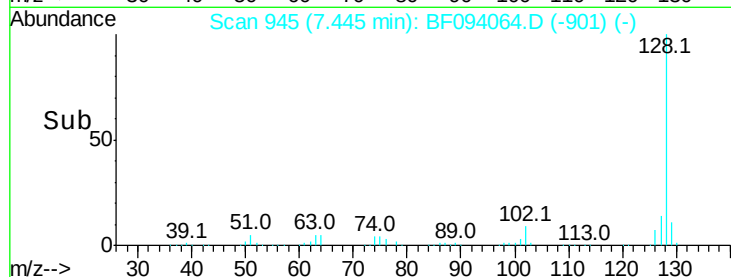
#31
Naphthalene
Concen: 42.28 ng
RT: 7.45 min Scan# 945
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1558002
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.8 10.8 16.2

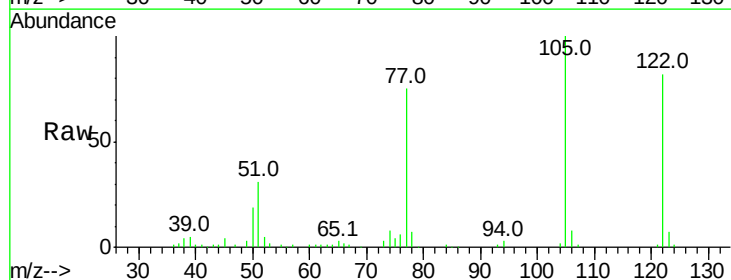


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

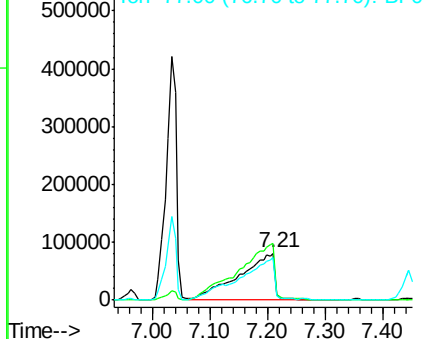
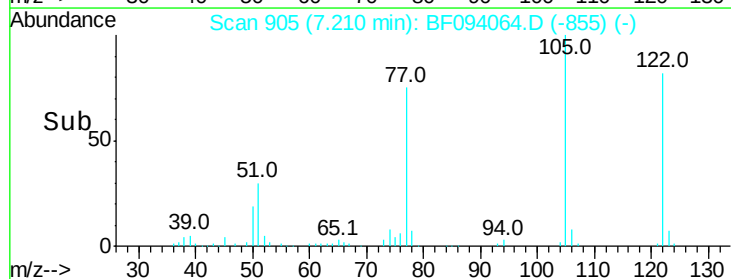


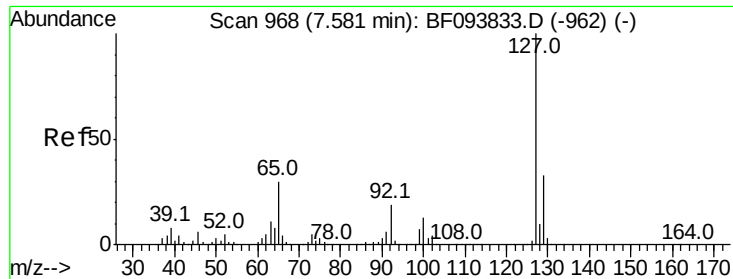
#32
Benzoic acid
Concen: 48.66 ng
RT: 7.21 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:122 Resp: 352552
Ion Ratio Lower Upper
122 100
105 121.4 103.3 143.3
77 91.2 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

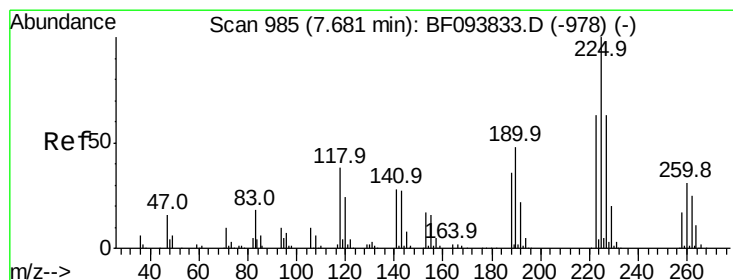
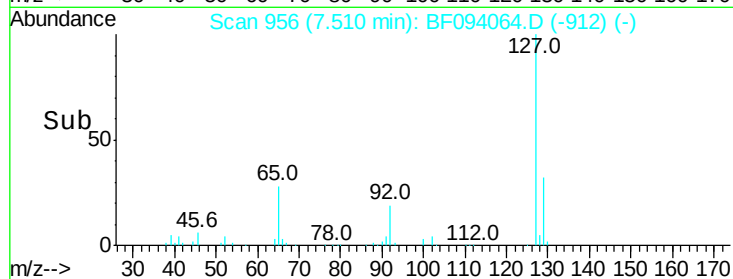
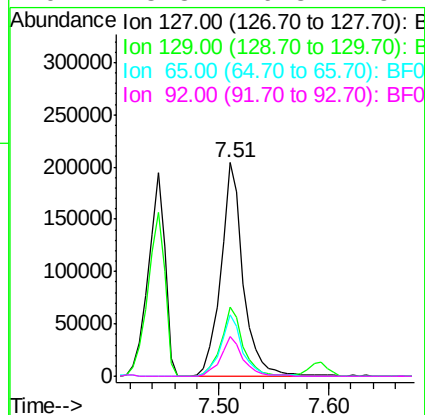
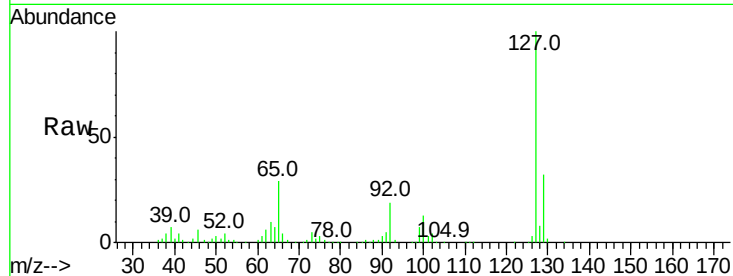




#33
4-Chloroaniline
Concen: 19.22 ng
RT: 7.51 min Scan# 956
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

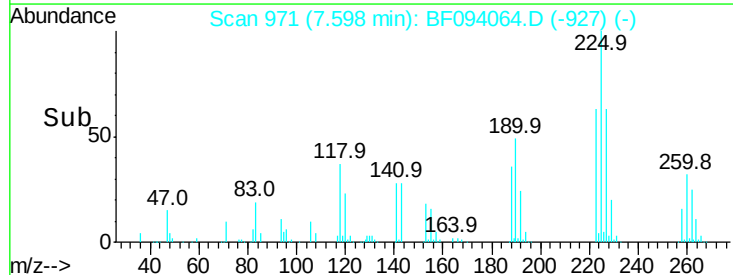
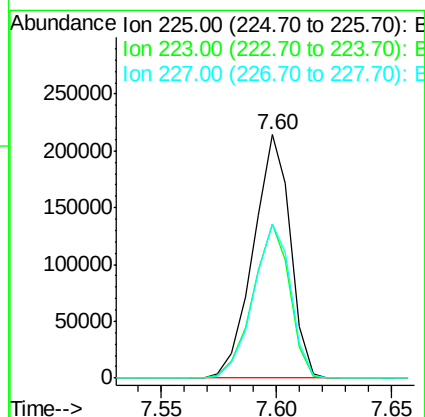
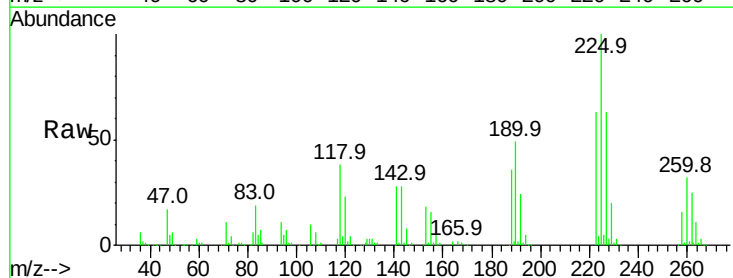
Instrument :
BNA_F
ClientSampleId :

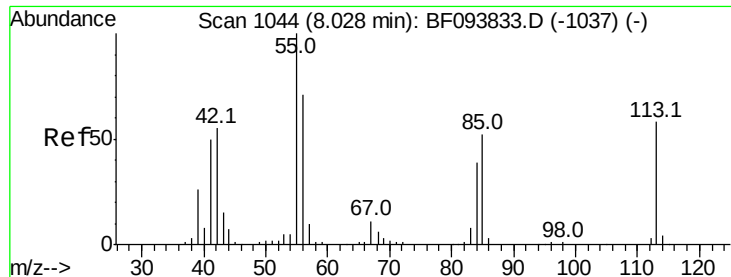
Tot Ion:	127	Resp:	287043
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.2	39.2
65	28.5	27.8	41.8
92	18.8	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.29 ng
RT: 7.60 min Scan# 971
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:	225	Resp:	238060
Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.8	73.2
227	63.4	51.1	76.7

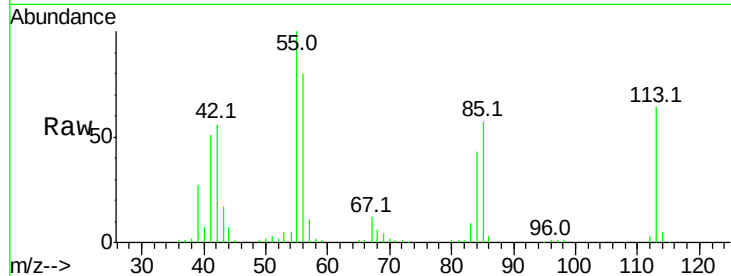




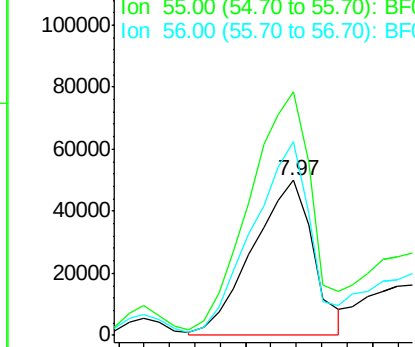
#35
 Caprolactam
 Concen: 25.51 ng
 RT: 7.97 min Scan# 1034
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

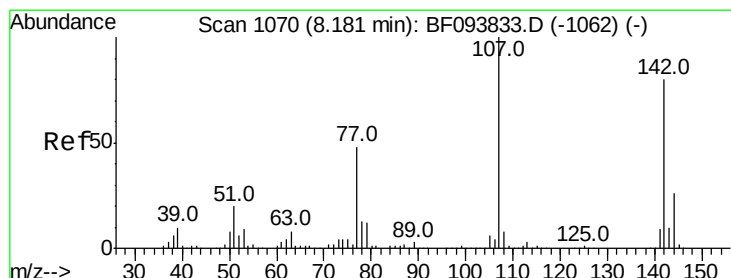
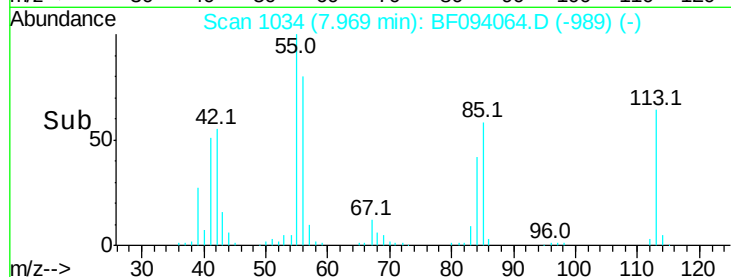
Tot Ion:113 Resp: 82786
 Ion Ratio Lower Upper
 113 100
 55 157.1 150.2 190.2
 56 125.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

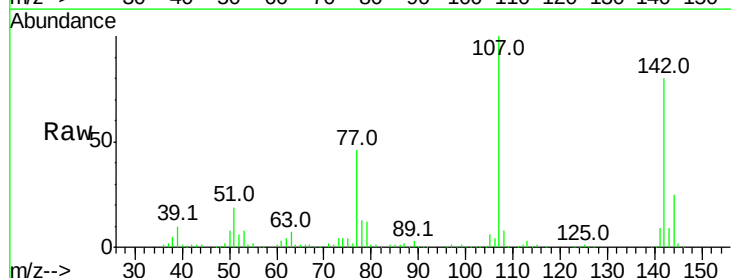


Time-->

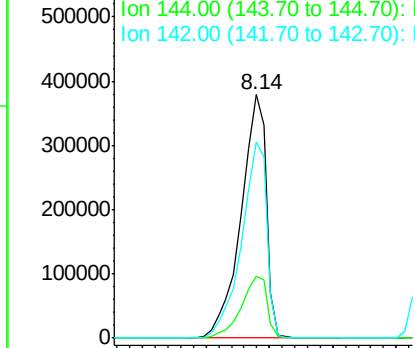


#36
 4-Chloro-3-methylphenol
 Concen: 49.44 ng
 RT: 8.14 min Scan# 1063
 Delta R.T. -0.02 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

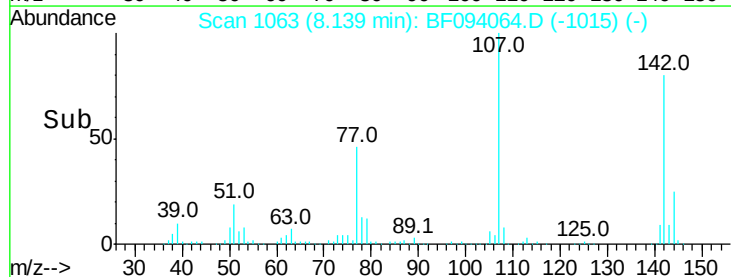
Tgt Ion:107 Resp: 525633
 Ion Ratio Lower Upper
 107 100
 144 25.4 24.2 36.4
 142 80.4 73.4 110.0

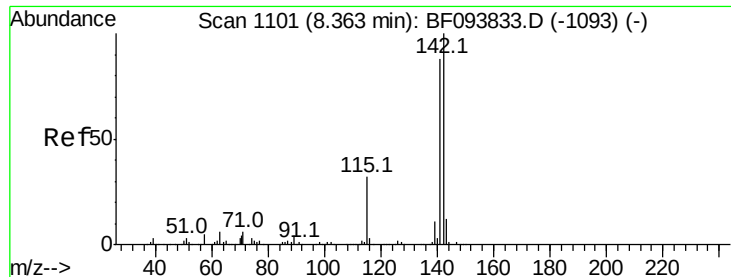


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E



Time-->

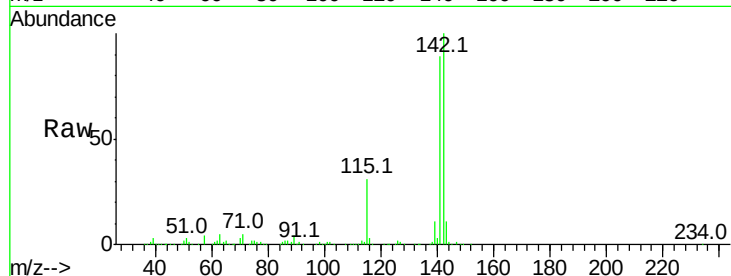




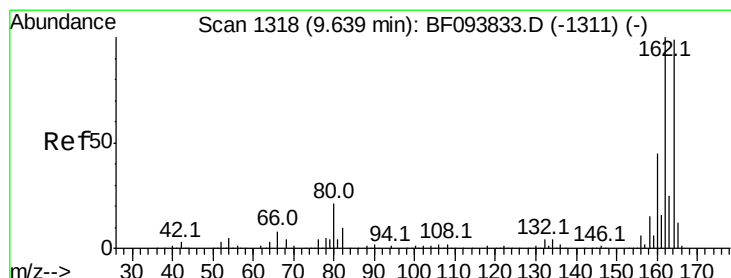
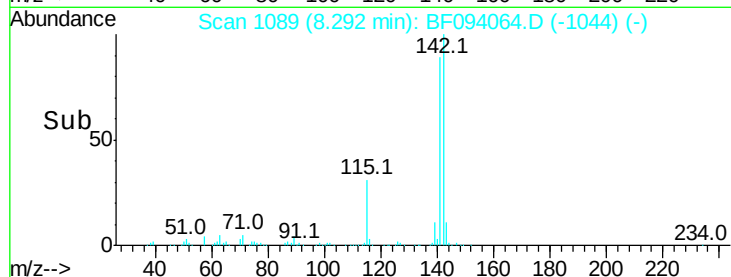
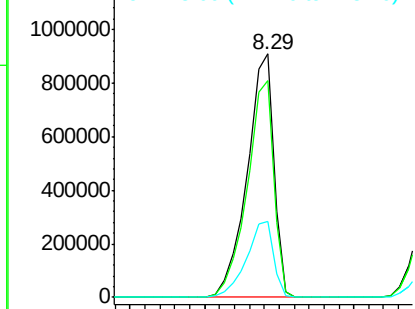
#37
2-Methylnaphthalene
Concen: 45.66 ng
RT: 8.29 min Scan# 1089
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1121539
Ion Ratio Lower Upper
142 100
141 89.3 71.3 106.9
115 31.2 27.1 40.7

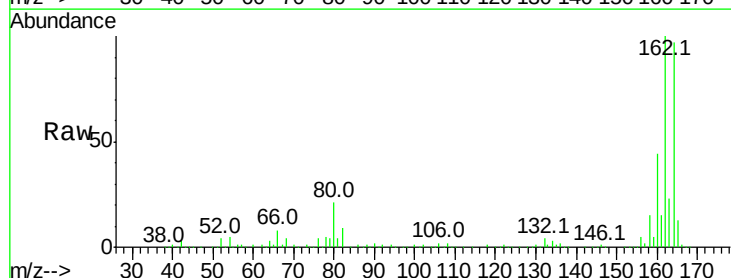


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

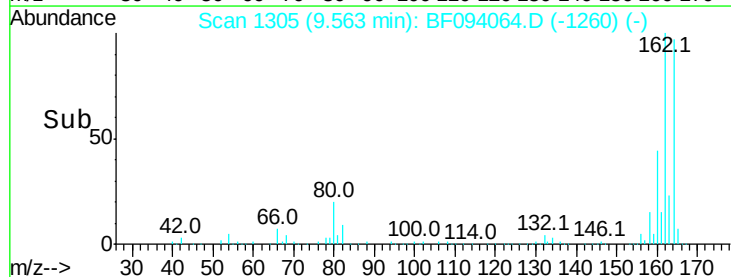
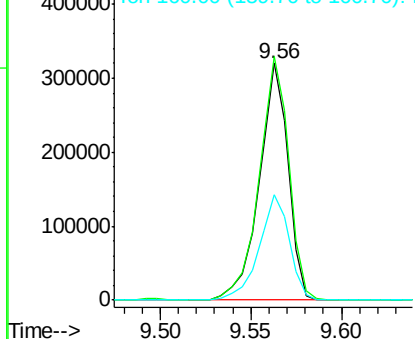


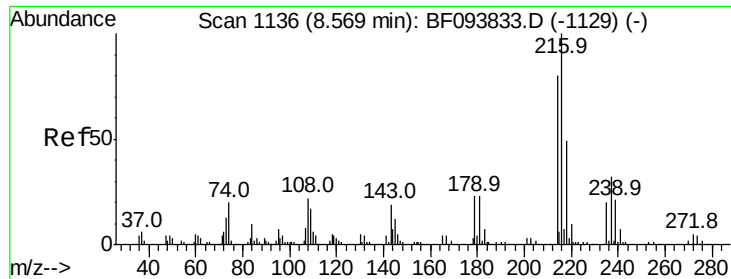
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.56 min Scan# 1305
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:164 Resp: 352441
Ion Ratio Lower Upper
164 100
162 102.8 82.6 123.8
160 44.8 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

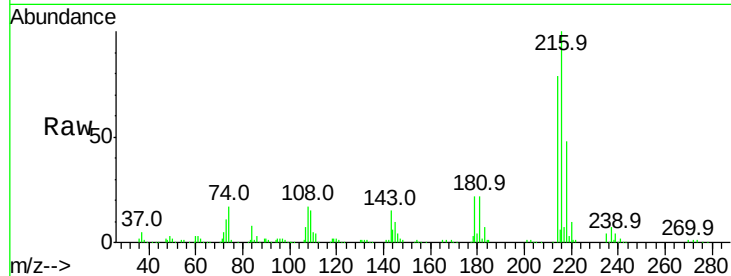




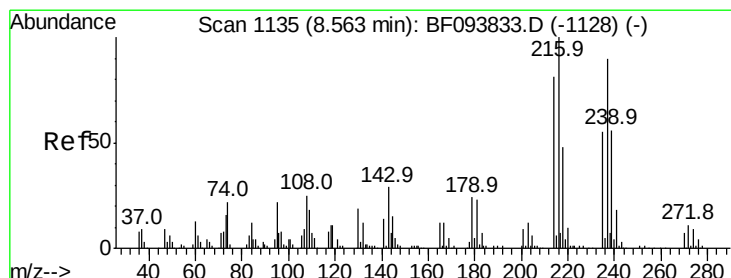
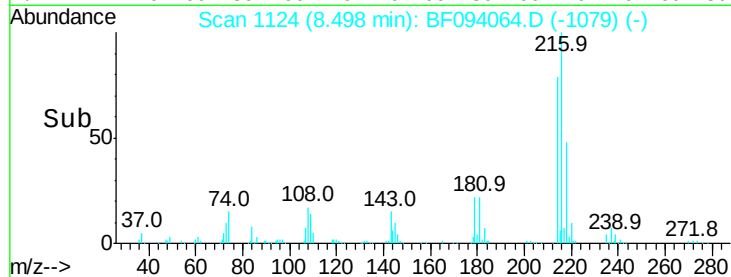
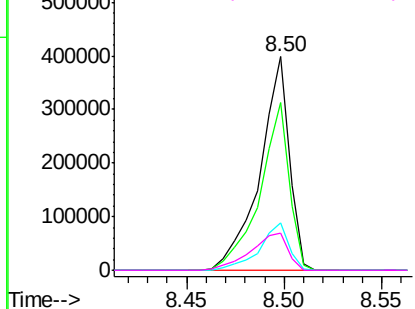
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.22 ng
 RT: 8.50 min Scan# 1124
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	416660
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.4	95.2
179	22.1	17.9	26.9
108	22.2	16.5	24.7

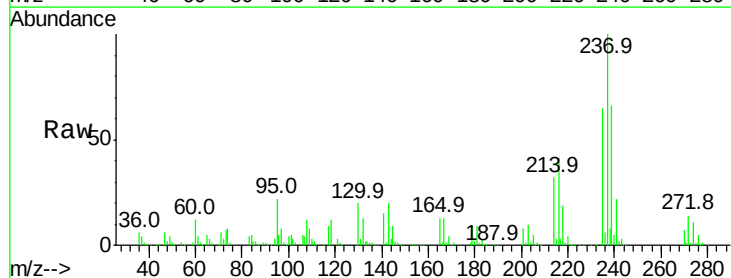


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

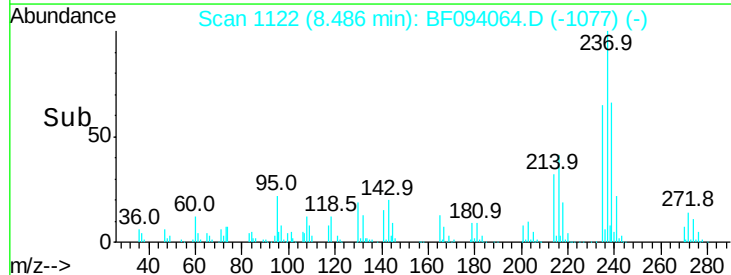
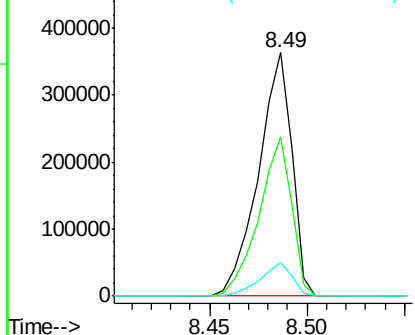


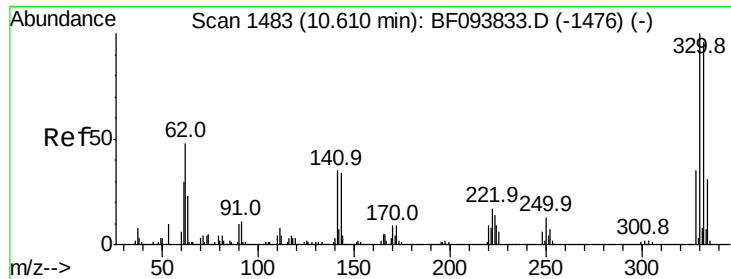
#40
 Hexachlorocyclopentadiene
 Concen: 95.29 ng
 RT: 8.49 min Scan# 1122
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:	237	Resp:	429902
Ion	Ratio	Lower	Upper
237	100		
235	65.4	42.6	82.6
272	13.6	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

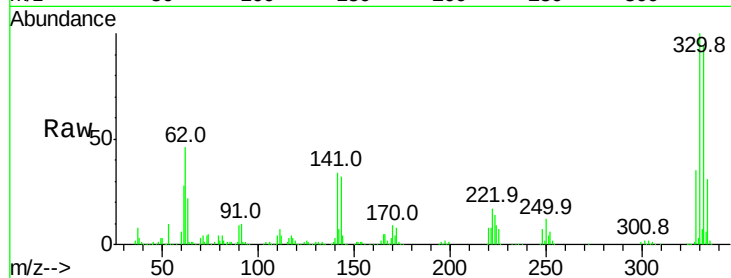




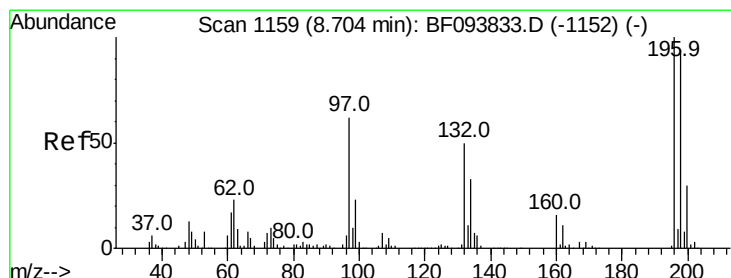
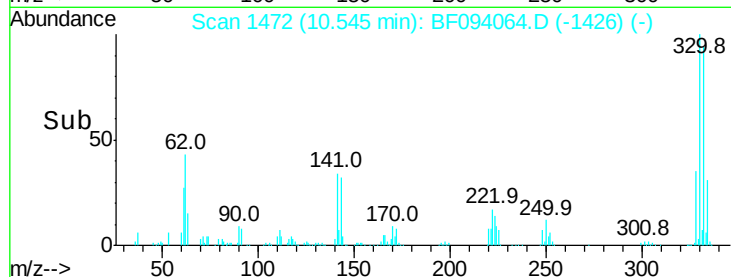
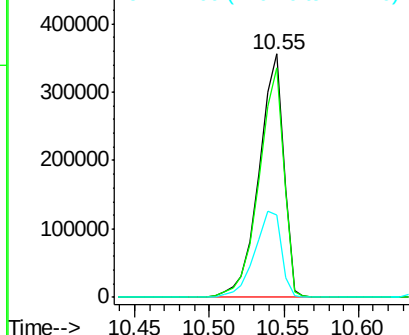
#41
 2,4,6-Tribromophenol
 Concen: 145.20 ng
 RT: 10.55 min Scan# 1472
 Delta R.T. -0.03 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 404377
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.6 115.0
 141 38.3 31.4 47.2

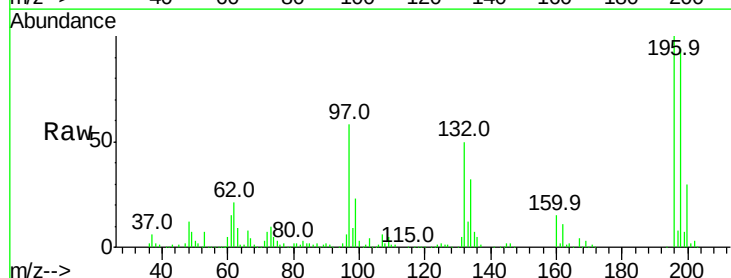


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

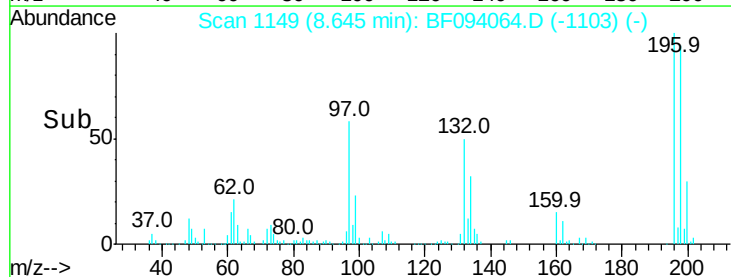
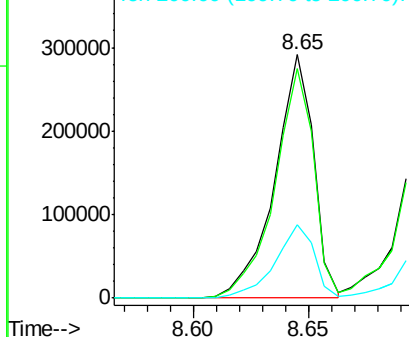


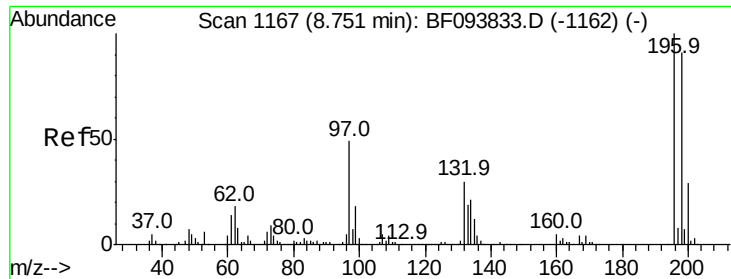
#42
 2,4,6-Trichlorophenol
 Concen: 49.79 ng
 RT: 8.65 min Scan# 1149
 Delta R.T. -0.03 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:196 Resp: 339649
 Ion Ratio Lower Upper
 196 100
 198 94.1 74.2 111.4
 200 30.1 24.0 36.0



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

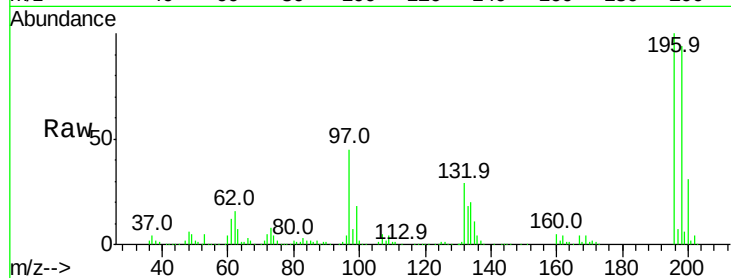




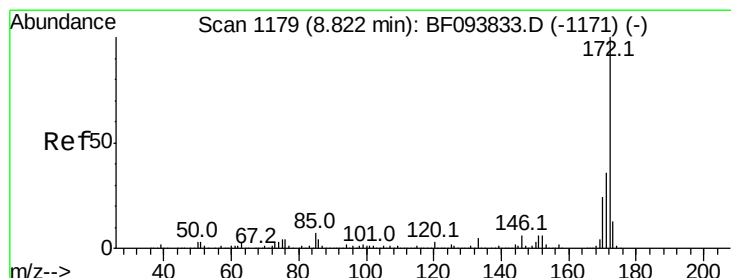
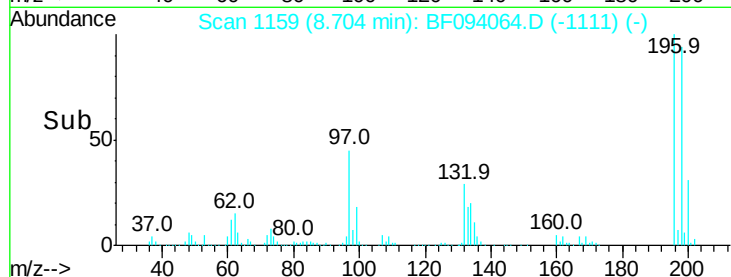
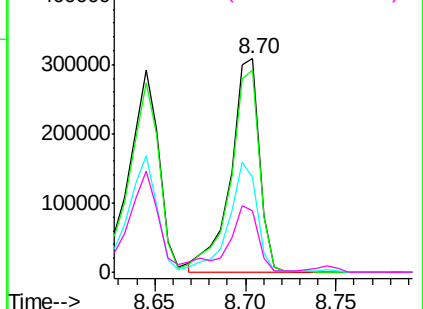
#43
 2,4,5-Trichlorophenol
 Concen: 46.03 ng
 RT: 8.70 min Scan# 1159
 Delta R.T. -0.02 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 339754
 Ion Ratio Lower Upper
 196 100
 198 94.5 75.7 113.5
 97 44.6 47.7 71.5#
 132 28.9 28.0 42.0

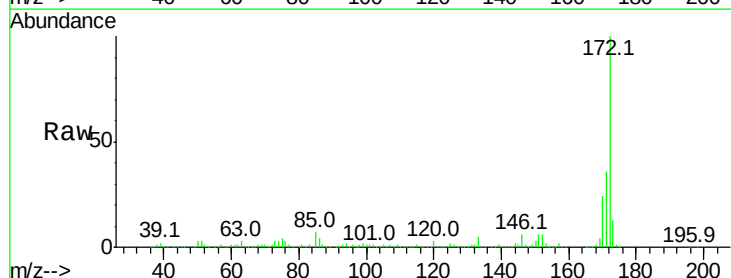


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

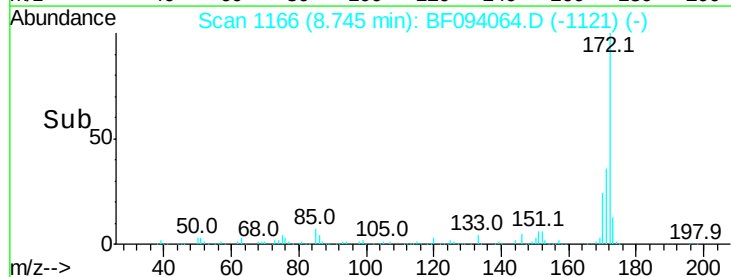
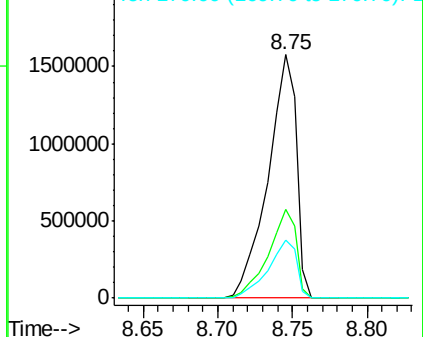


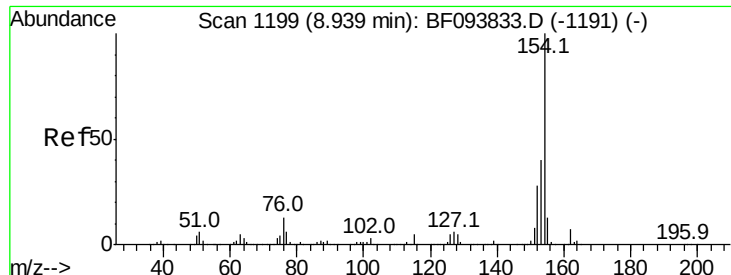
#44
 2-Fluorobiphenyl
 Concen: 90.29 ng
 RT: 8.75 min Scan# 1166
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:172 Resp: 2086368
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 23.6 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.09 ng

RT: 8.86 min Scan# 1186

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampled :

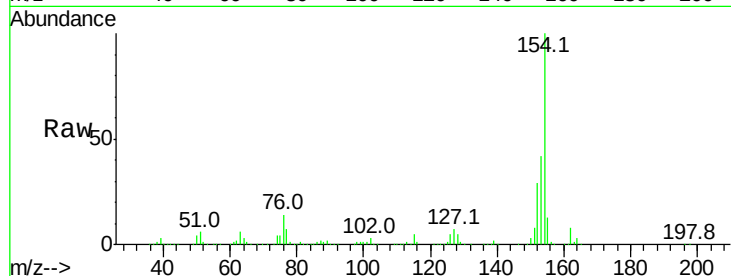
Tot Ion:154 Resp: 1253280

Ion Ratio Lower Upper

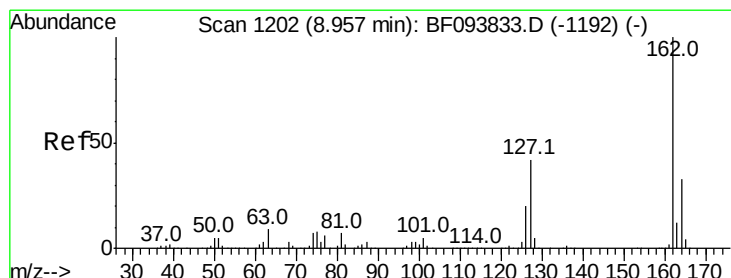
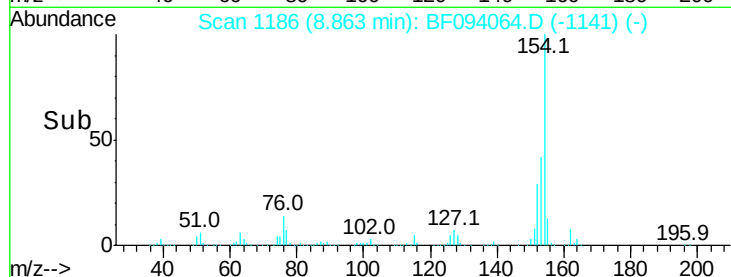
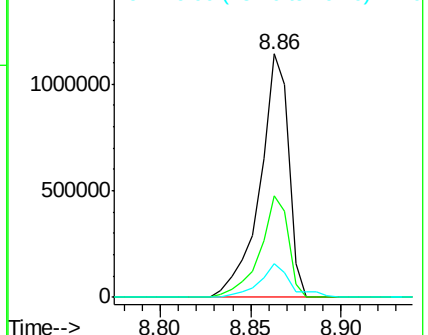
154 100

153 41.6 21.2 61.2

76 13.7 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BFO



#46

2-Chloronaphthalene

Concen: 44.35 ng

RT: 8.89 min Scan# 1190

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

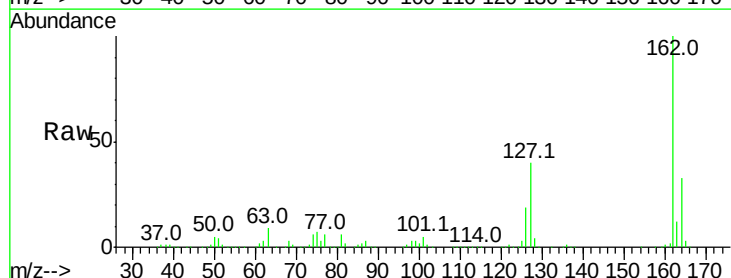
Tgt Ion:162 Resp: 987019

Ion Ratio Lower Upper

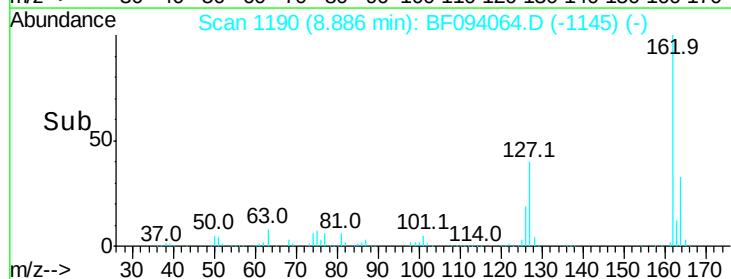
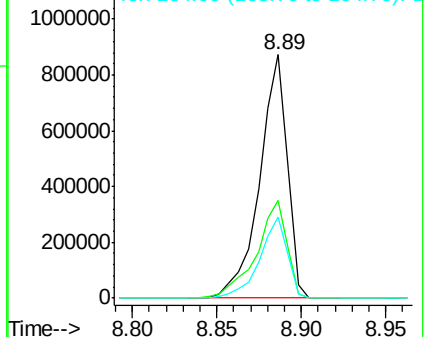
162 100

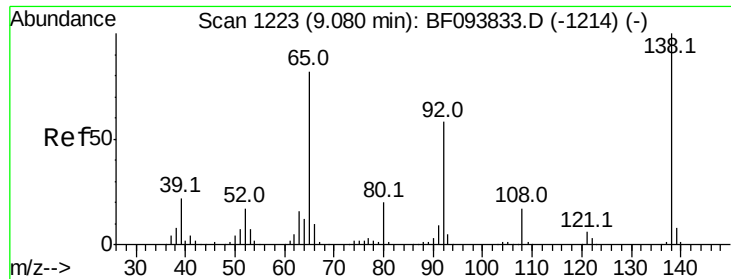
127 40.0 28.3 42.5

164 33.4 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

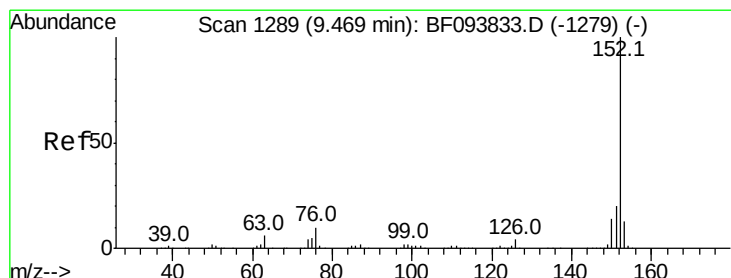
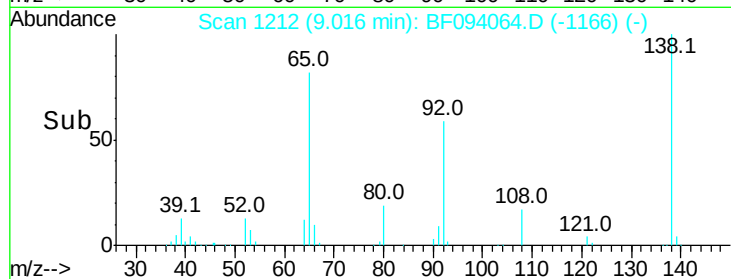
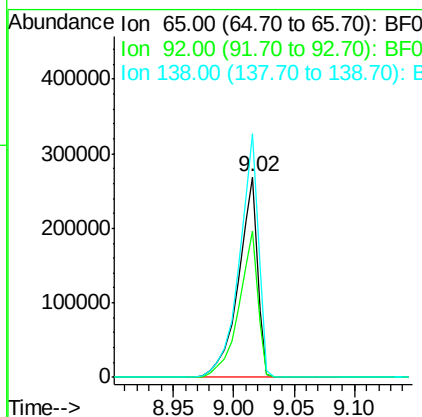
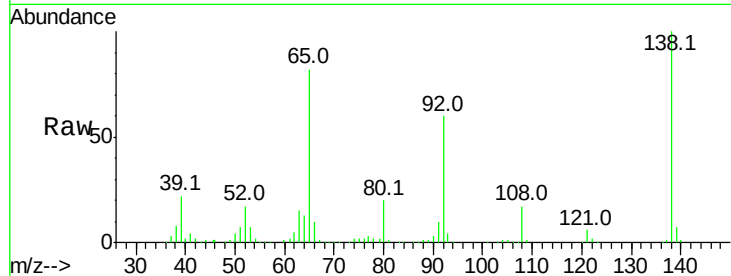




#47
2-Nitroaniline
Concen: 45.09 ng
RT: 9.02 min Scan# 1212
Delta R.T. -0.03 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

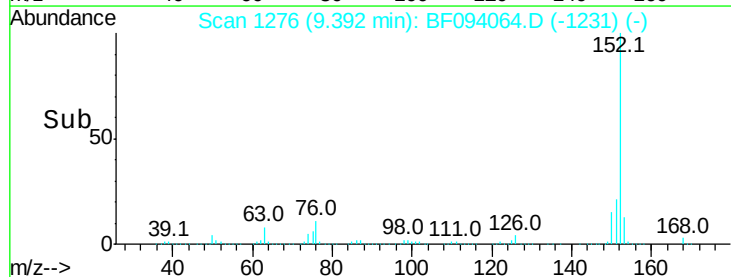
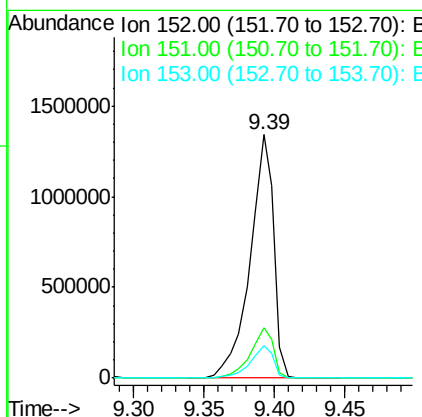
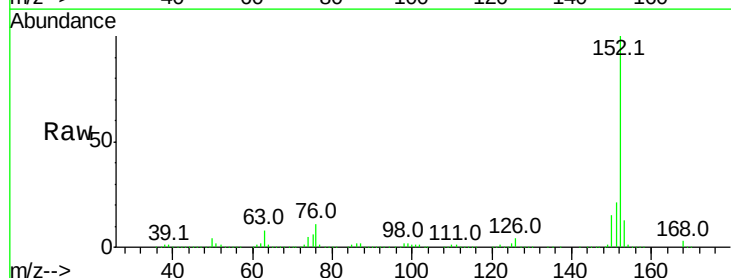
Instrument :
BNA_F
ClientSampled :

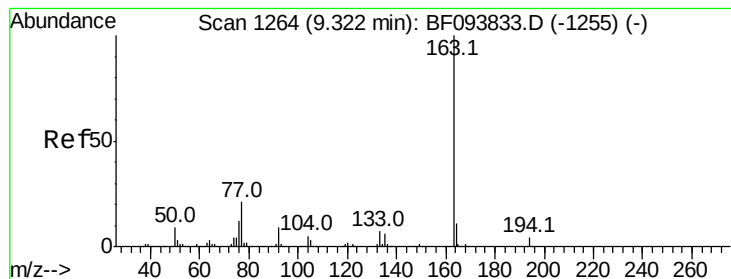
Tot Ion: 65 Resp: 297636
Ion Ratio Lower Upper
65 100
92 73.0 53.9 80.9
138 121.3 78.8 118.2#



#48
Acenaphthylene
Concen: 42.50 ng
RT: 9.39 min Scan# 1276
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:152 Resp: 1571622
Ion Ratio Lower Upper
152 100
151 20.8 16.8 25.2
153 13.3 10.8 16.2





#49

Dimethylphthalate

Concen: 47.98 ng

RT: 9.26 min Scan# 1253

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

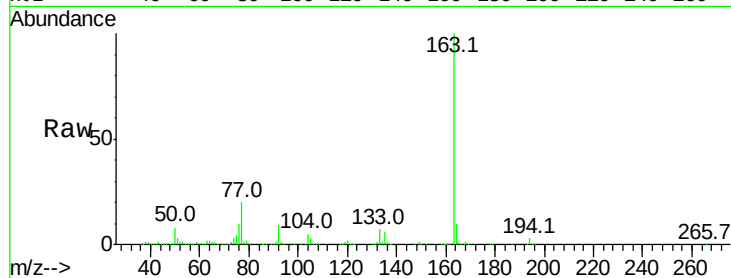
Tot Ion:163 Resp: 1202057

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

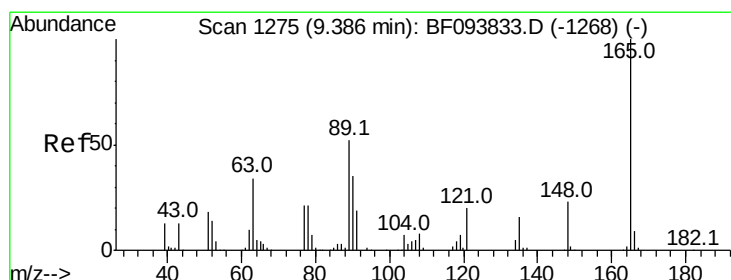
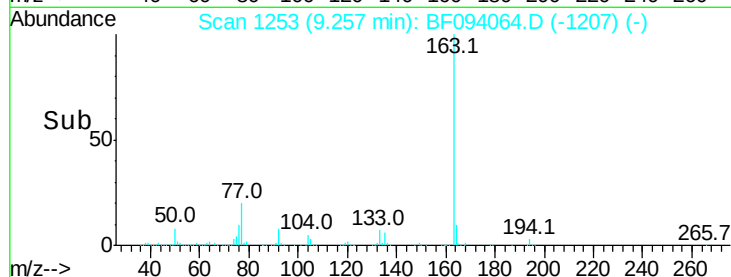
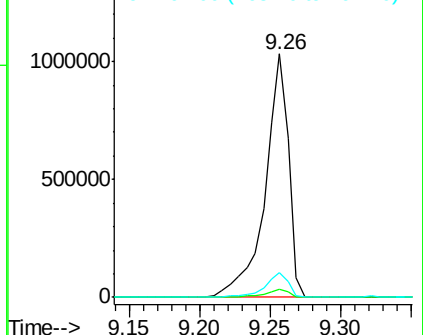
164 10.0 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.27 ng

RT: 9.32 min Scan# 1264

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

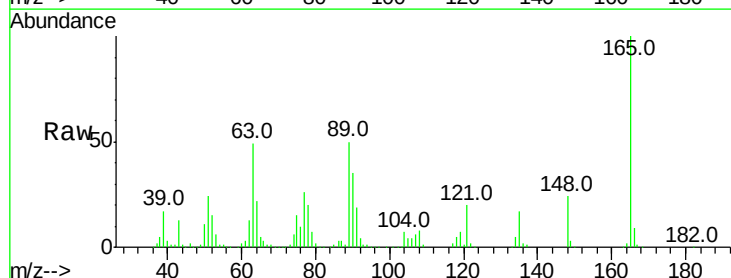
Tgt Ion:165 Resp: 271475

Ion Ratio Lower Upper

165 100

63 48.8 34.3 51.5

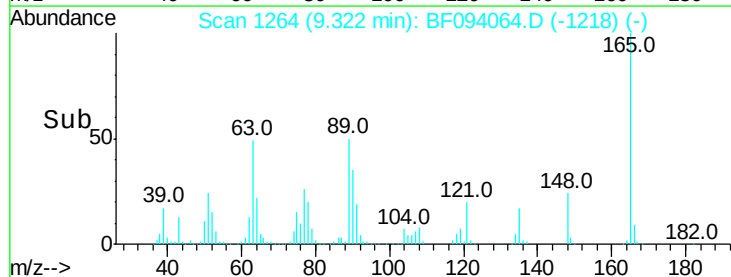
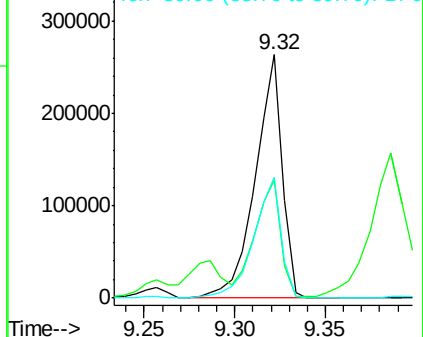
89 49.8 37.1 55.7

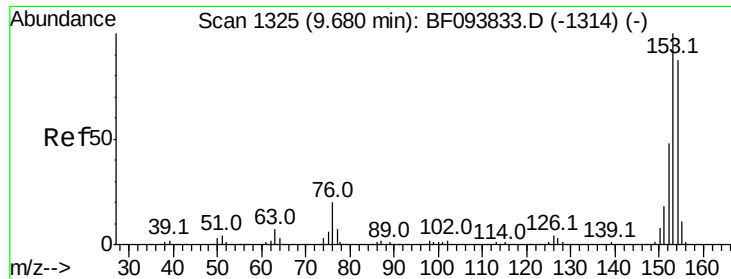


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

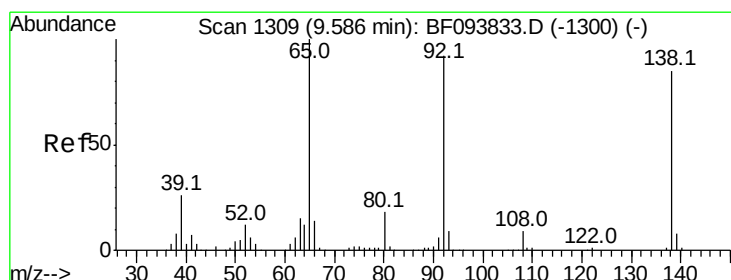
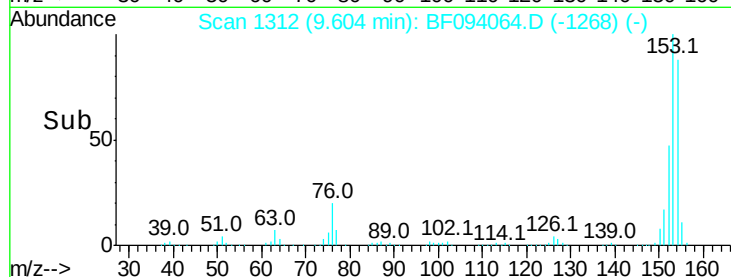
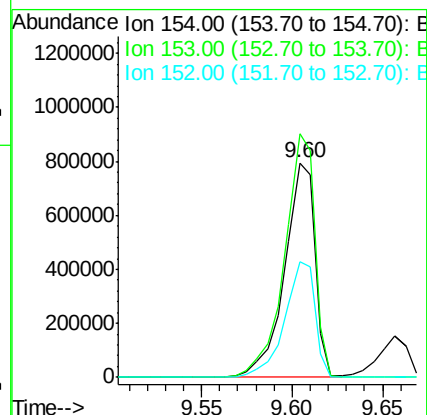
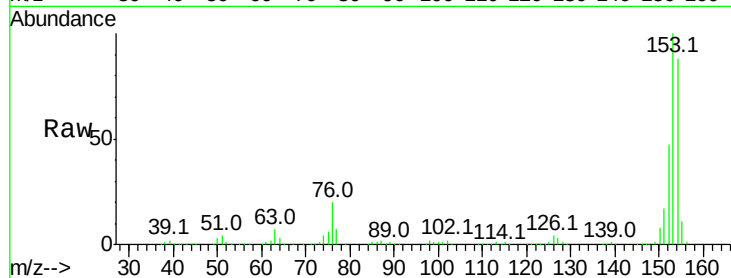




#51
Acenaphthene
Concen: 43.30 ng
RT: 9.60 min Scan# 1312
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

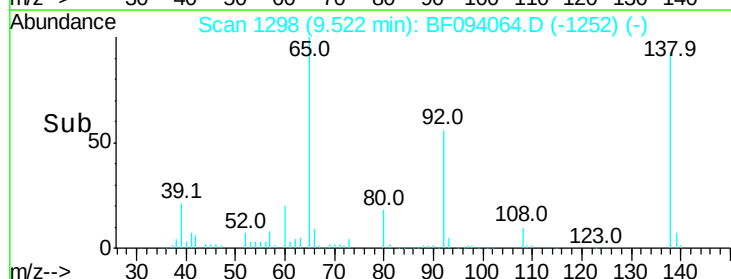
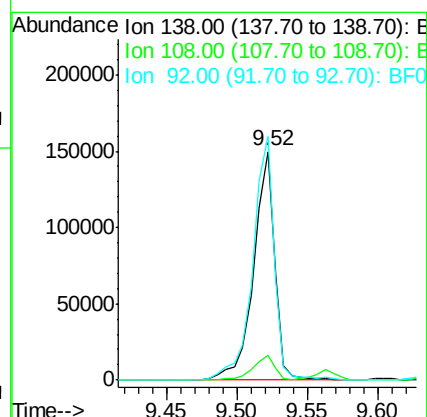
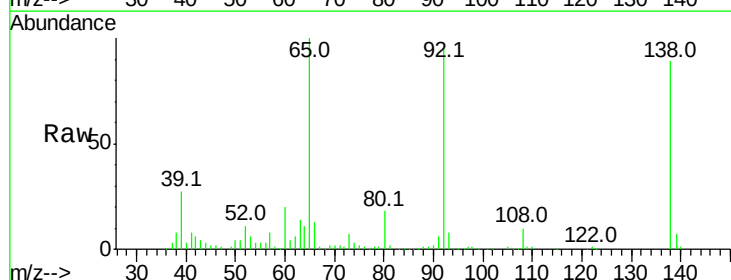
Instrument :
BNA_F
ClientSampleId :

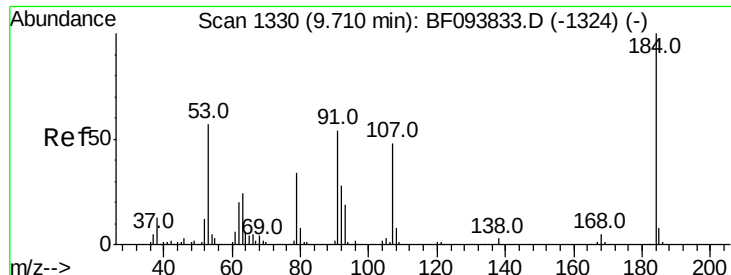
Tot Ion:154 Resp: 934383
Ion Ratio Lower Upper
154 100
153 113.6 90.5 135.7
152 53.8 43.6 65.4



#52
3-Nitroaniline
Concen: 23.36 ng
RT: 9.52 min Scan# 1298
Delta R.T. -0.03 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:138 Resp: 157539
Ion Ratio Lower Upper
138 100
108 10.7 9.1 13.7
92 106.6 93.8 140.6

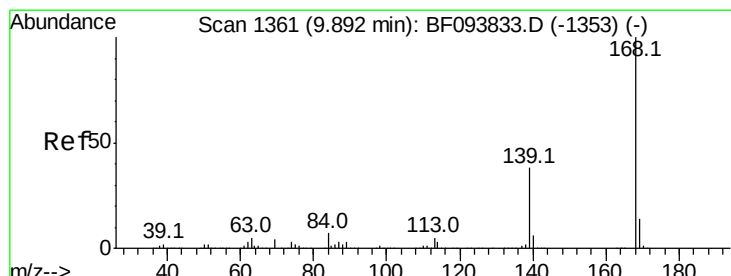
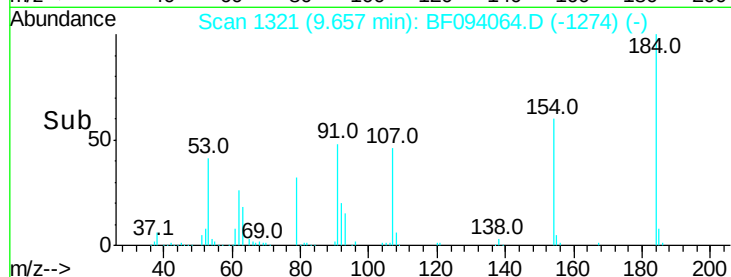
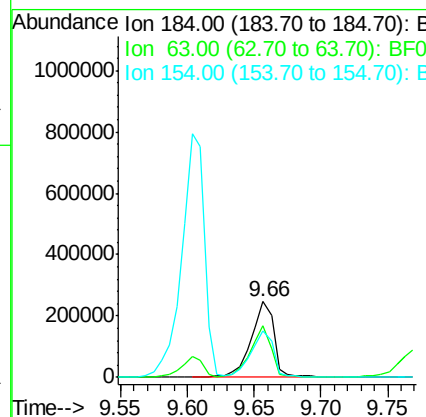
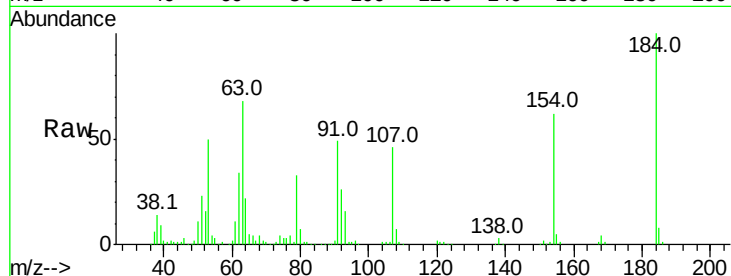




#53
 2,4-Dinitrophenol
 Concen: 93.47 ng
 RT: 9.66 min Scan# 1321
 Delta R.T. -0.02 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

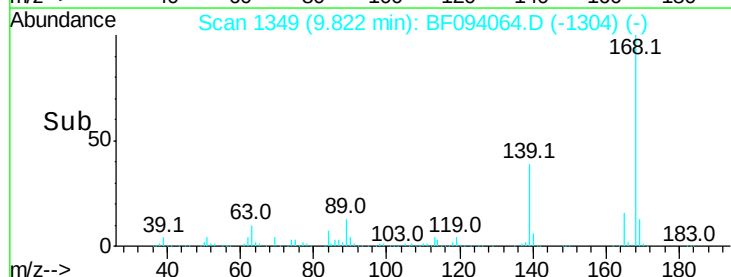
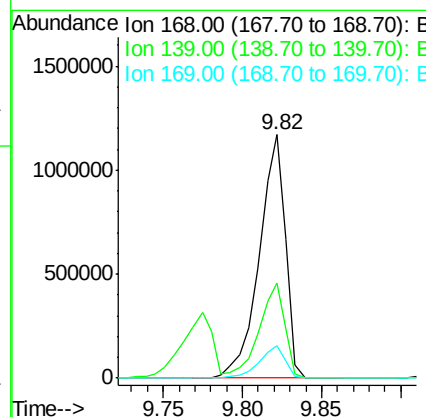
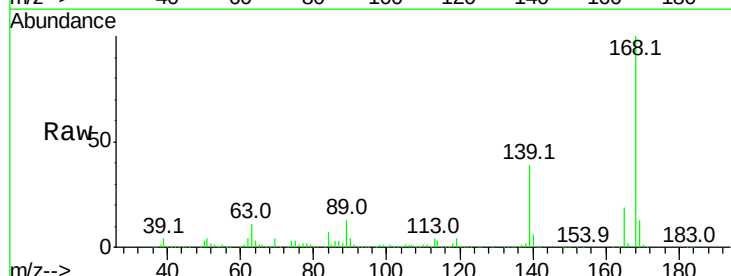
Instrument :
 BNA_F
 ClientSampleId :

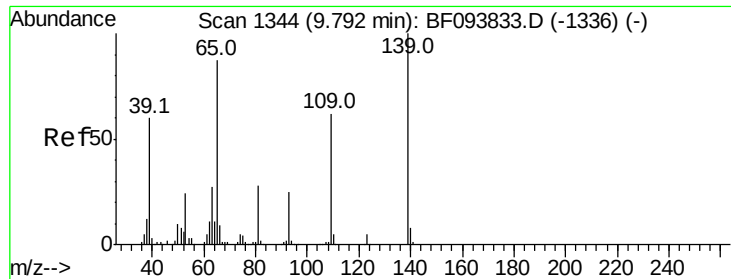
Tot Ion:184 Resp: 289814
 Ion Ratio Lower Upper
 184 100
 63 68.1 62.7 94.1
 154 62.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.81 ng
 RT: 9.82 min Scan# 1349
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:168 Resp: 1345622
 Ion Ratio Lower Upper
 168 100
 139 39.0 30.6 45.8
 169 13.3 10.8 16.2





#55

4-Nitrophenol

Concen: 80.56 ng

RT: 9.77 min Scan# 1341

Delta R.T. 0.00 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampled :

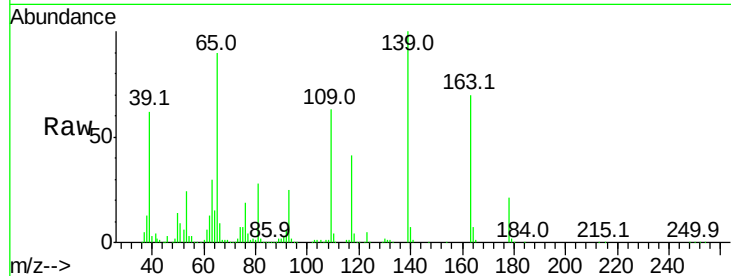
Tot Ion:139 Resp: 425477

Ion Ratio Lower Upper

139 100

109 63.3 34.1 74.1

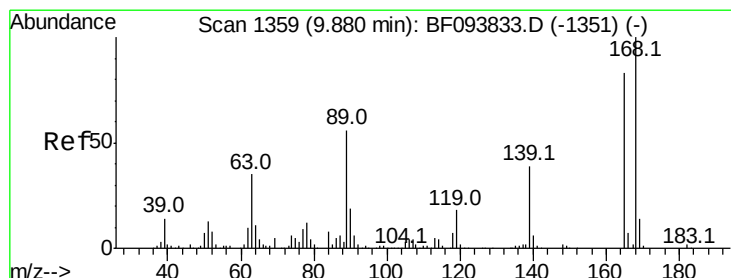
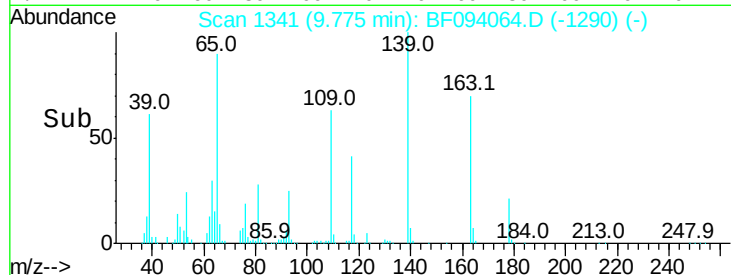
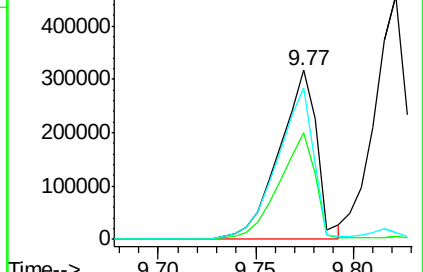
65 90.0 31.4 71.4#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 45.36 ng

RT: 9.82 min Scan# 1348

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Tgt Ion:165 Resp: 327221

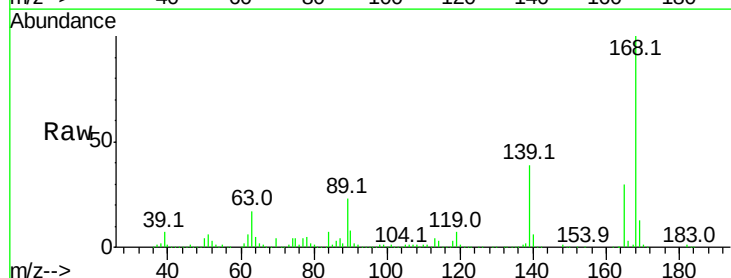
Ion Ratio Lower Upper

165 100

63 56.7 25.4 38.0#

89 76.5 46.4 69.6#

182 2.6 1.8 2.6

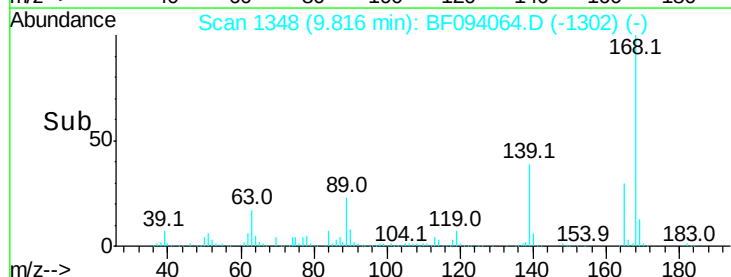
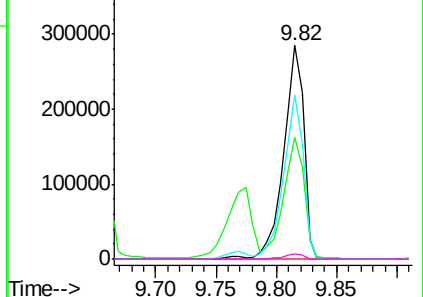


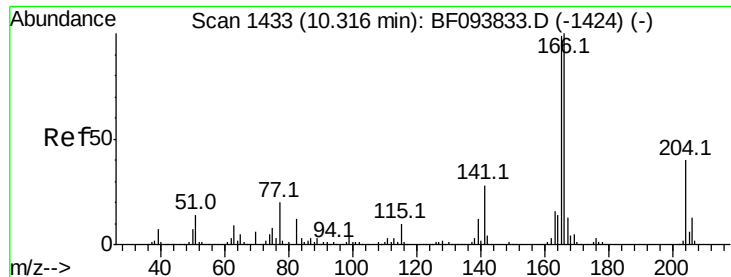
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

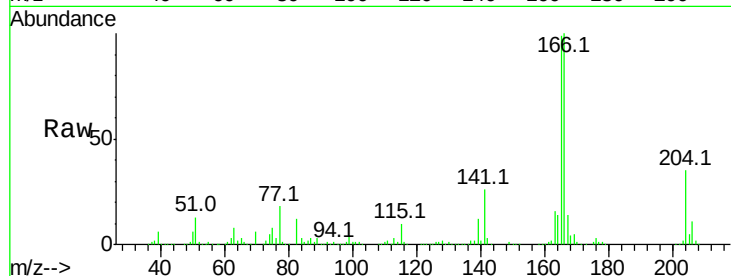




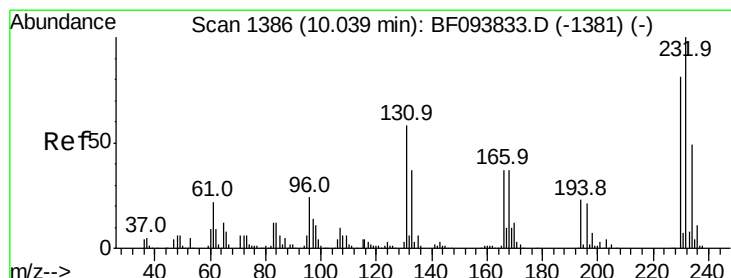
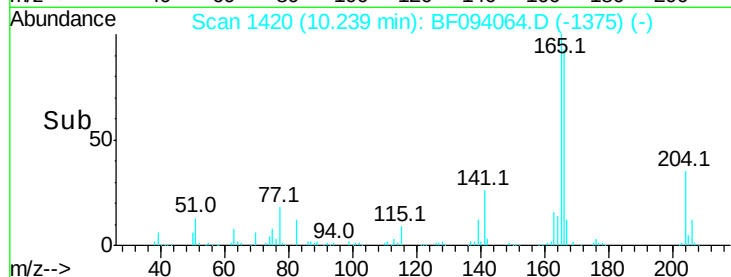
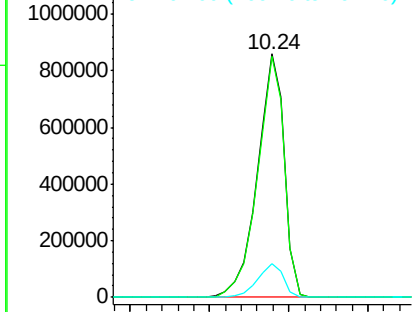
#57
 Fluorene
 Concen: 41.47 ng
 RT: 10.24 min Scan# 1420
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:166 Resp: 1010326
 Ion Ratio Lower Upper
 166 100
 165 99.0 78.8 118.2
 167 13.8 10.6 16.0



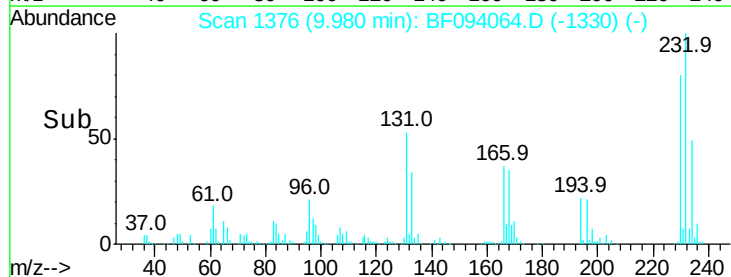
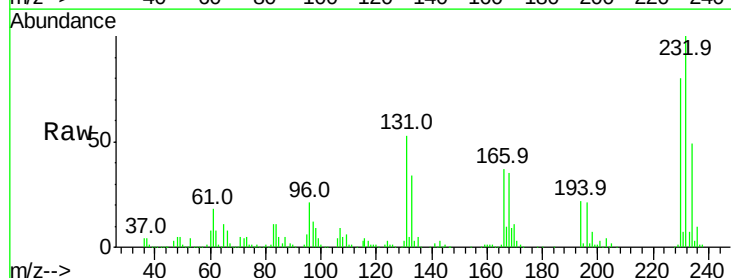
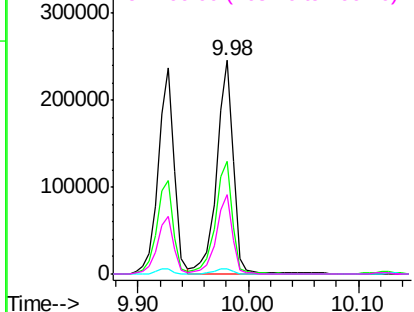
Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

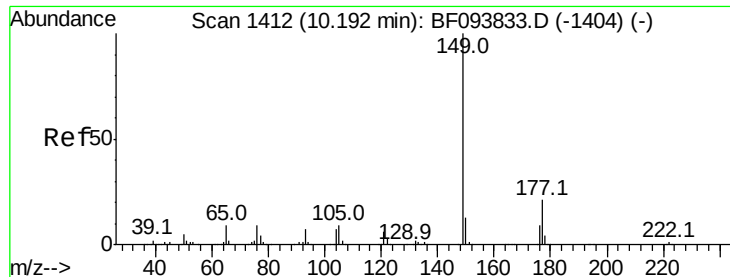


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 50.09 ng
 RT: 9.98 min Scan# 1376
 Delta R.T. -0.03 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:232 Resp: 253690
 Ion Ratio Lower Upper
 232 100
 131 52.9 44.8 67.2
 130 2.7 2.3 3.5
 166 36.0 29.0 43.4

Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

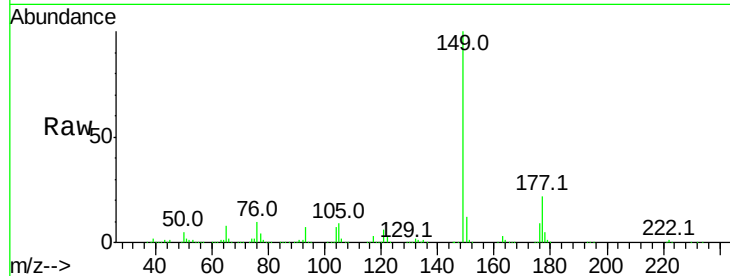




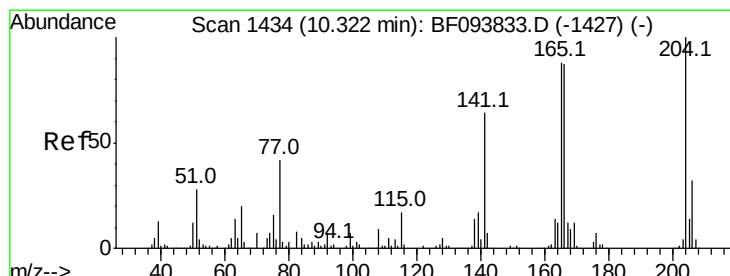
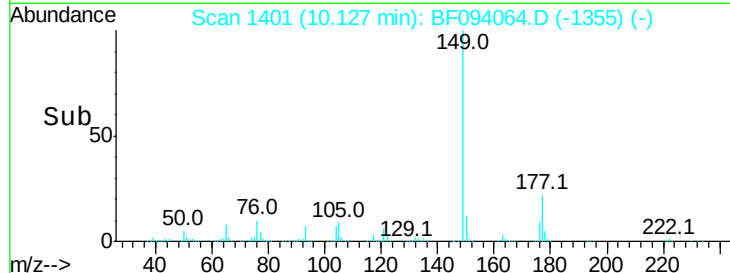
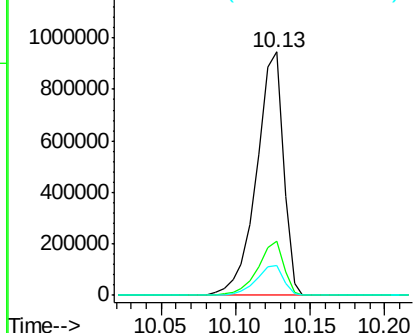
#59
Diethylphthalate
Concen: 47.26 ng
RT: 10.13 min Scan# 1401
Delta R.T. -0.03 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1170136
Ion Ratio Lower Upper
149 100
177 22.1 16.7 25.1
150 12.2 10.2 15.2

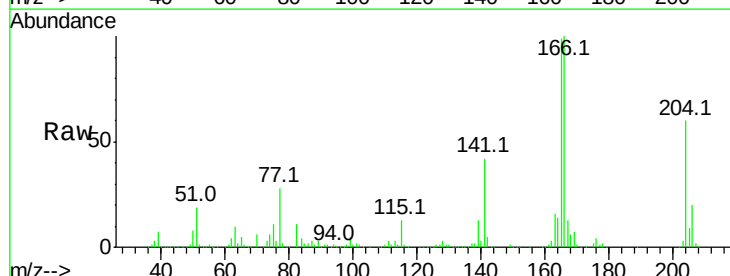


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

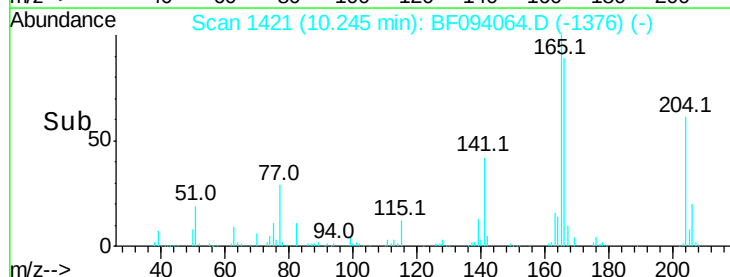
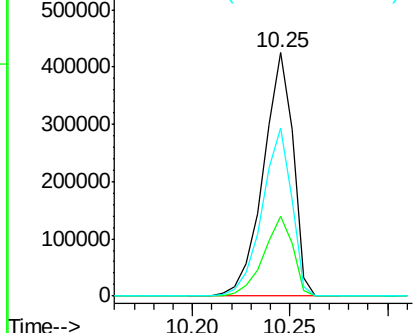


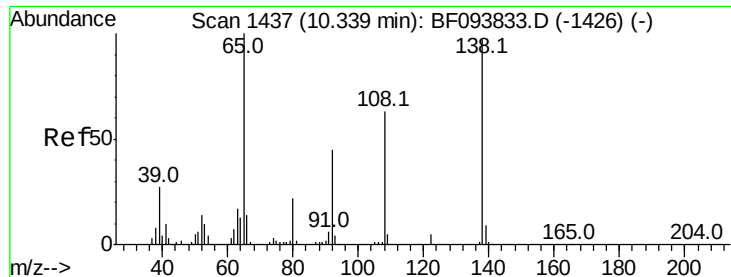
#60
4-Chlorophenyl-phenylether
Concen: 43.27 ng
RT: 10.25 min Scan# 1421
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:204 Resp: 449114
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 69.1 60.8 91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

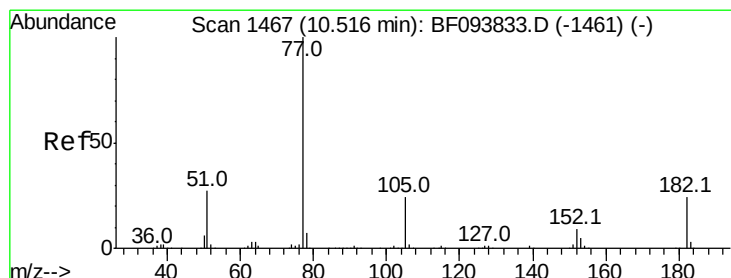
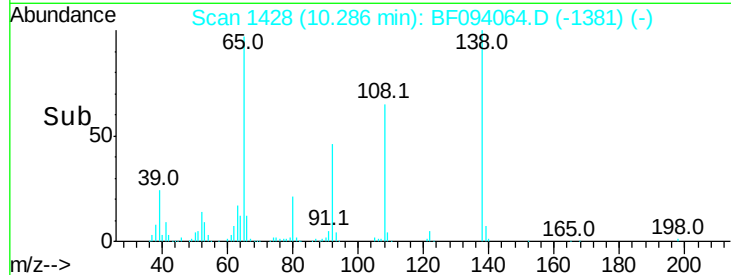
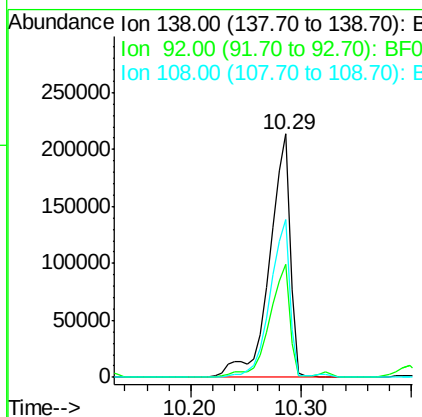
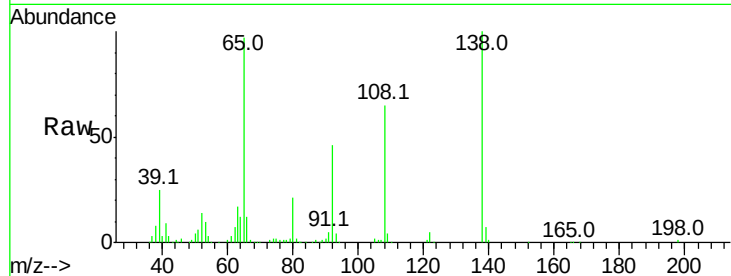




#61
4-Nitroaniline
Concen: 43.90 ng
RT: 10.29 min Scan# 1428
Delta R.T. -0.02 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

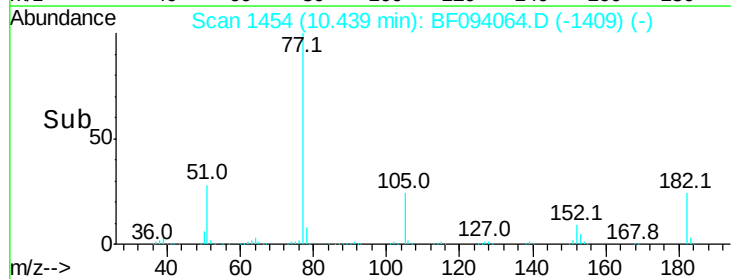
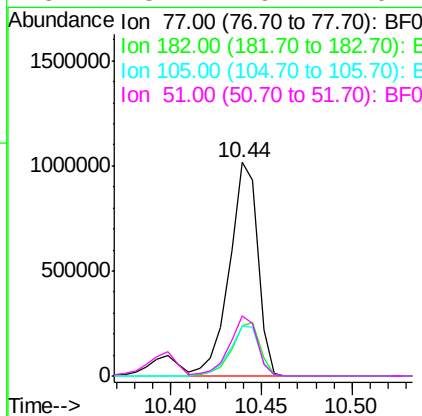
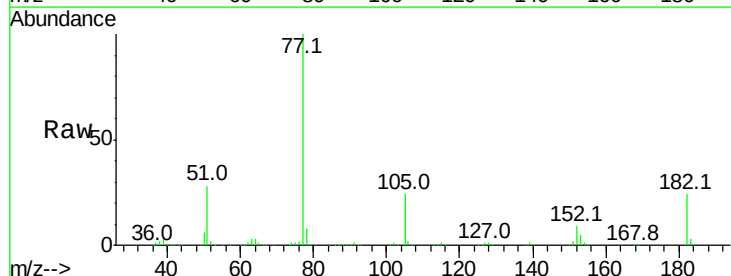
Instrument :
BNA_F
ClientSampleId :

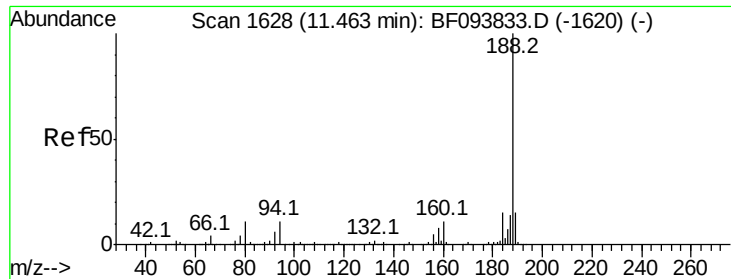
Tot Ion:138 Resp: 284081
Ion Ratio Lower Upper
138 100
92 46.2 21.8 61.8
108 65.1 42.3 82.3



#62
Azobenzene
Concen: 47.17 ng
RT: 10.44 min Scan# 1454
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion: 77 Resp: 1104812
Ion Ratio Lower Upper
77 100
182 23.5 0.1 40.1
105 23.6 3.6 43.6
51 28.2 9.4 49.4

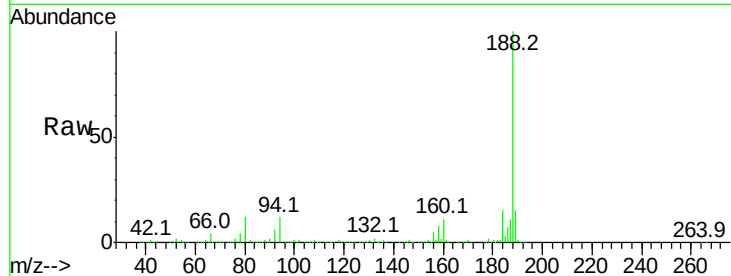




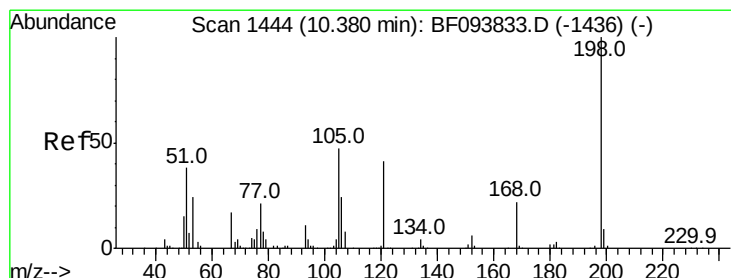
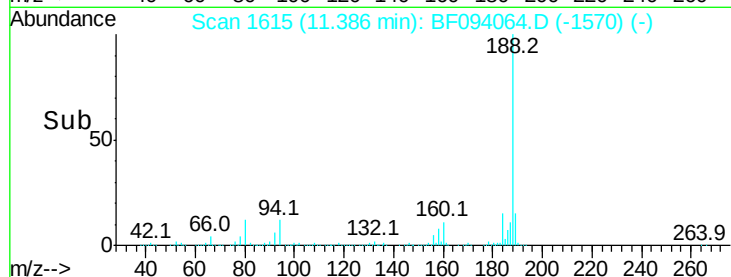
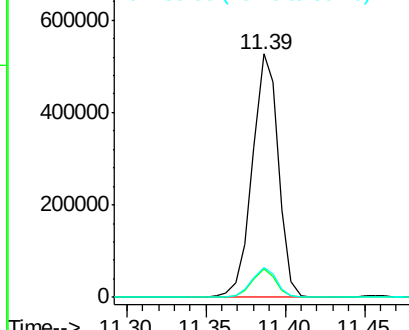
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1615
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 602212
Ion Ratio Lower Upper
188 100
94 11.6 9.4 14.2
80 12.0 10.2 15.2

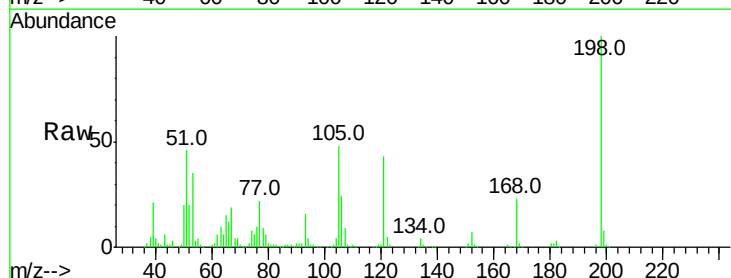


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

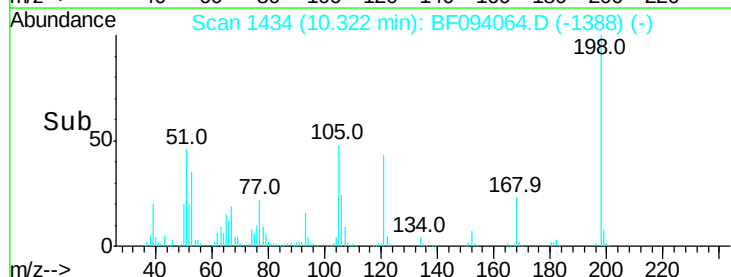
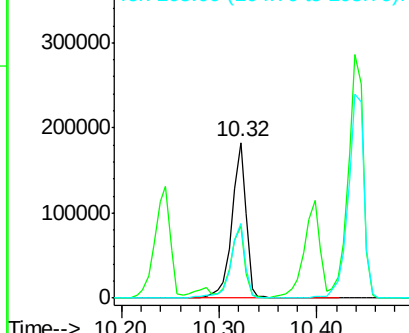


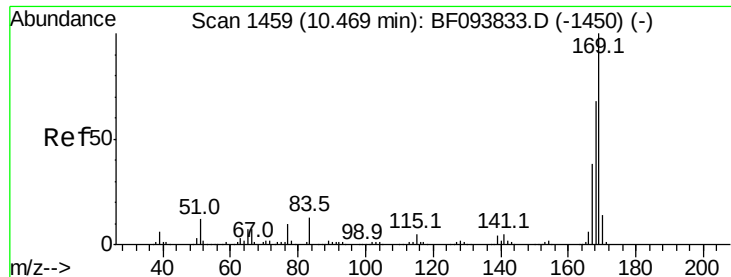
#64
4,6-Dinitro-2-methylphenol
Concen: 50.27 ng
RT: 10.32 min Scan# 1434
Delta R.T. -0.03 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion:198 Resp: 185382
Ion Ratio Lower Upper
198 100
51 46.3 53.2 93.2#
105 48.1 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 46.54 ng

RT: 10.40 min Scan# 1447

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

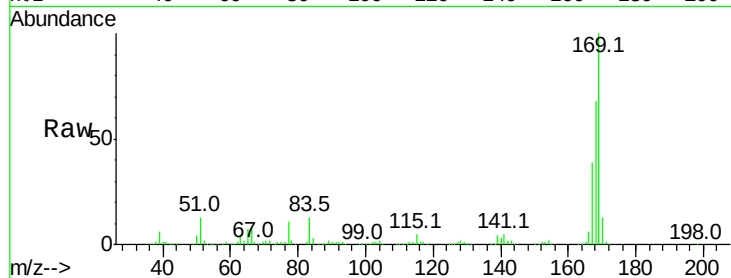
Tot Ion:169 Resp: 969216

Ion Ratio Lower Upper

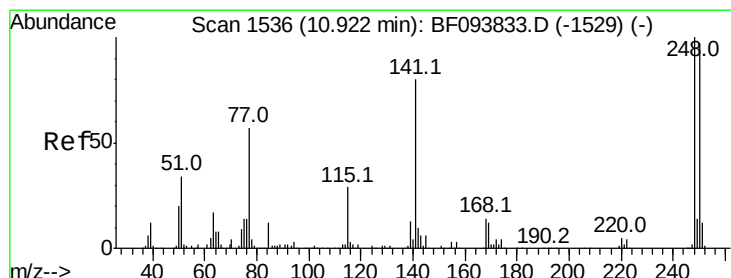
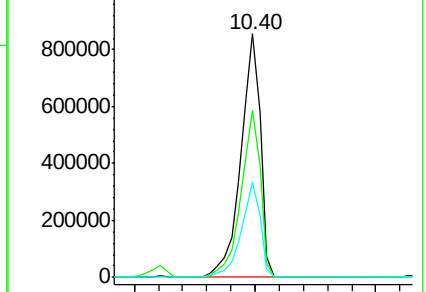
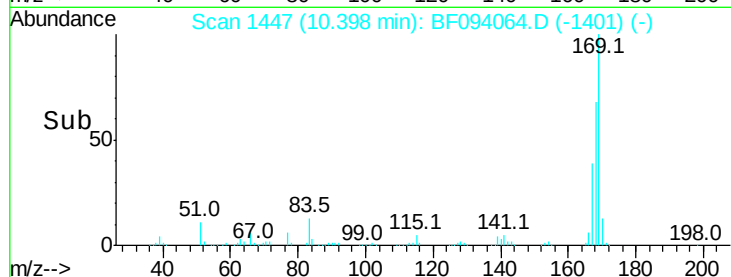
169 100

168 68.3 53.2 79.8

167 38.9 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 48.23 ng

RT: 10.85 min Scan# 1523

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

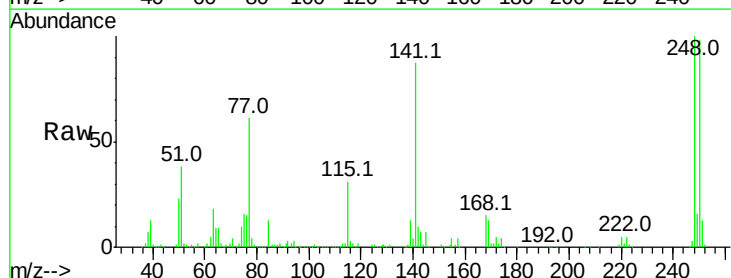
Tgt Ion:248 Resp: 285659

Ion Ratio Lower Upper

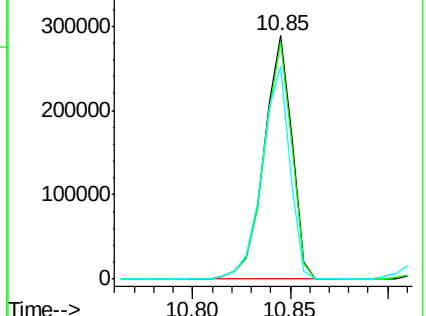
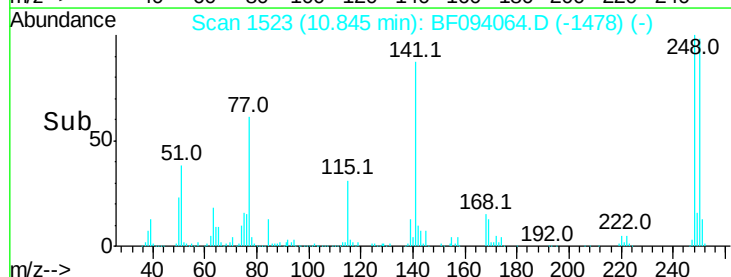
248 100

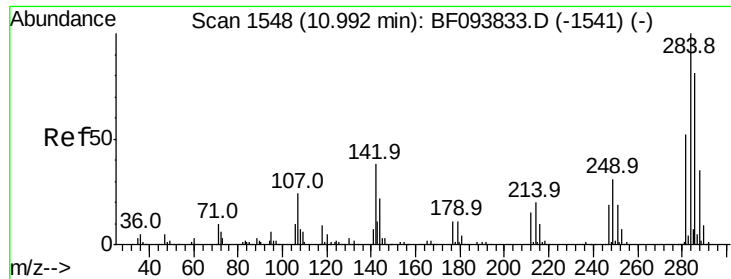
250 97.6 76.8 115.2

141 87.4 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 48.13 ng

RT: 10.92 min Scan# 1535

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

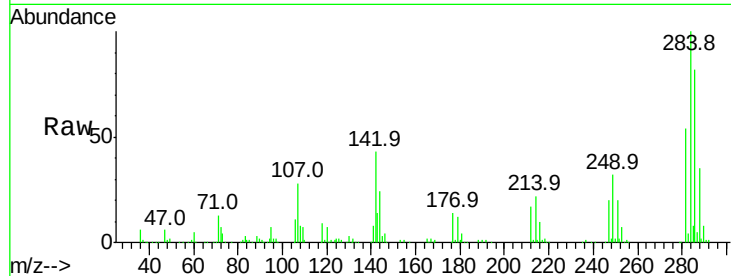
Tot Ion:284 Resp: 288556

Ion Ratio Lower Upper

284 100

142 42.6 22.8 34.2#

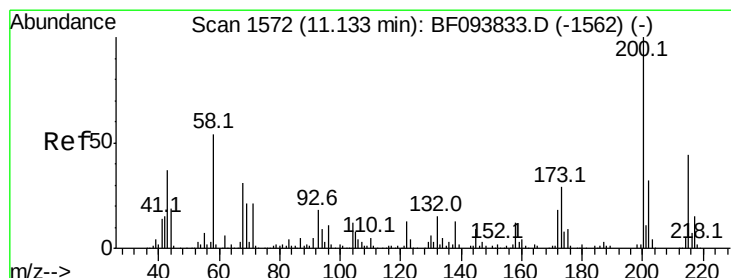
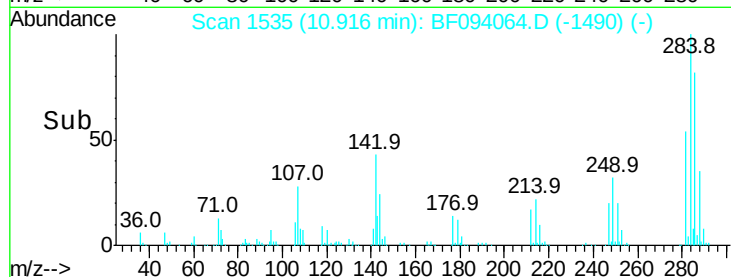
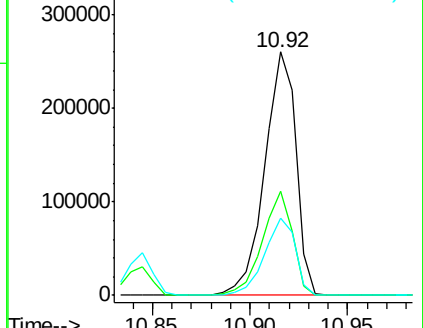
249 32.0 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 46.15 ng

RT: 11.07 min Scan# 1561

Delta R.T. -0.03 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

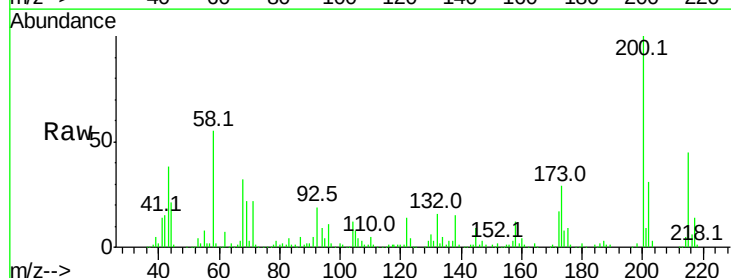
Tgt Ion:200 Resp: 287904

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

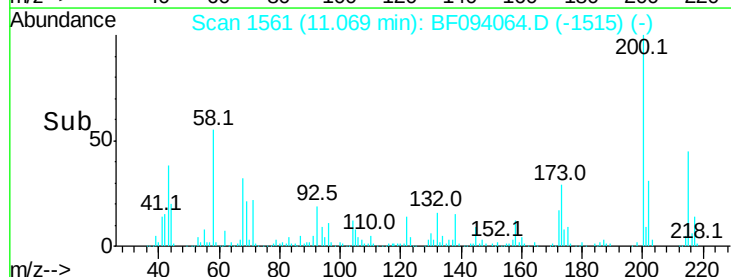
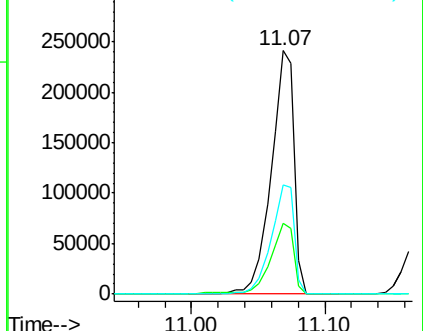
215 44.8 27.2 67.2

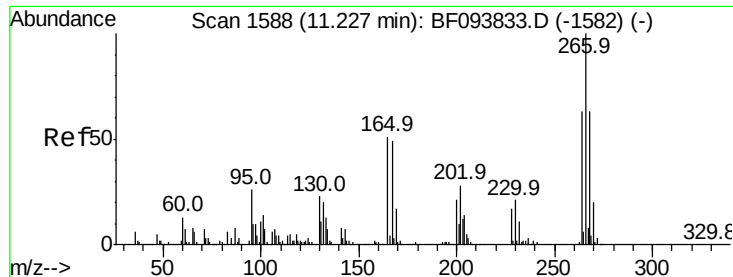


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

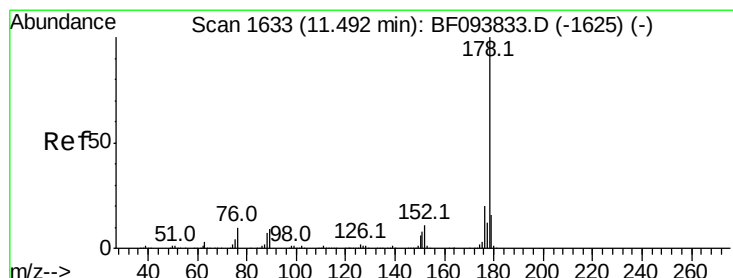
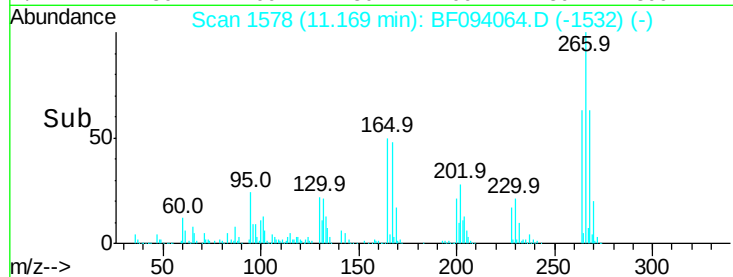
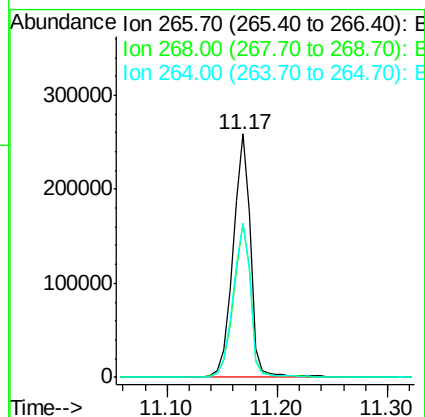
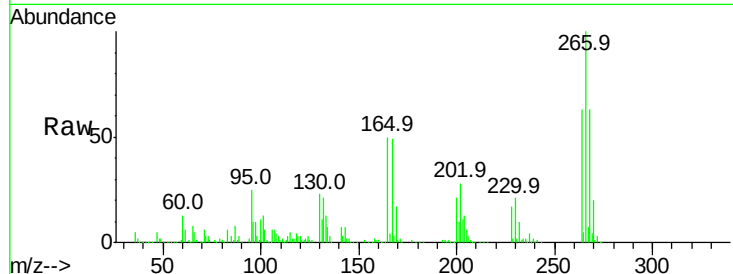




#69
 Pentachlorophenol
 Concen: 77.30 ng
 RT: 11.17 min Scan# 1578
 Delta R.T. -0.03 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

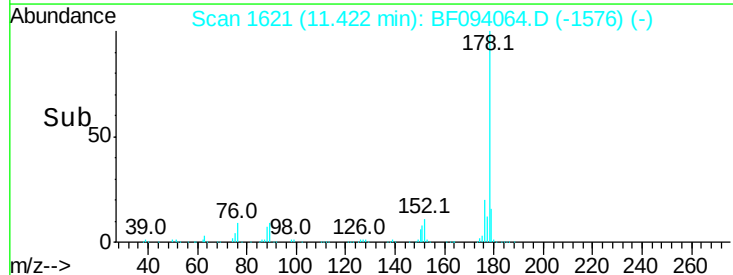
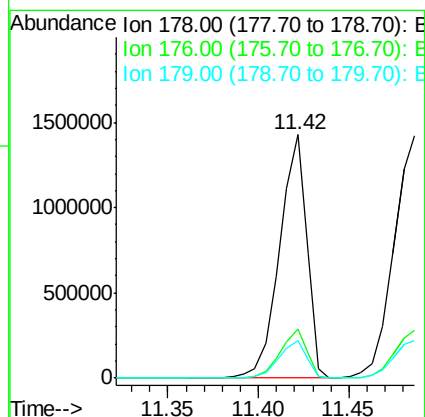
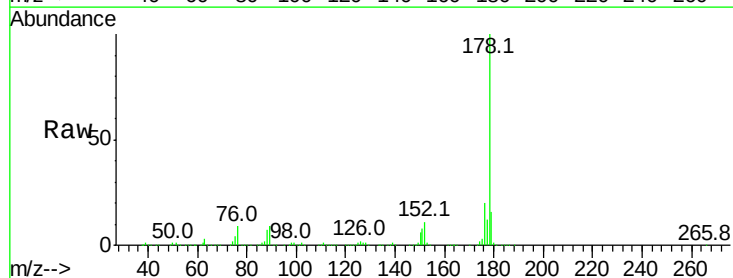
Instrument :
 BNA_F
 ClientSampleId :

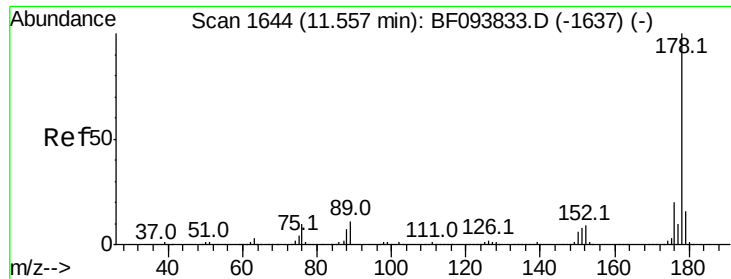
Tot Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.1	76.7
264	63.0	51.7	77.5



#70
 Phenanthrene
 Concen: 44.66 ng
 RT: 11.42 min Scan# 1621
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.2	24.4
179	15.5	12.6	19.0

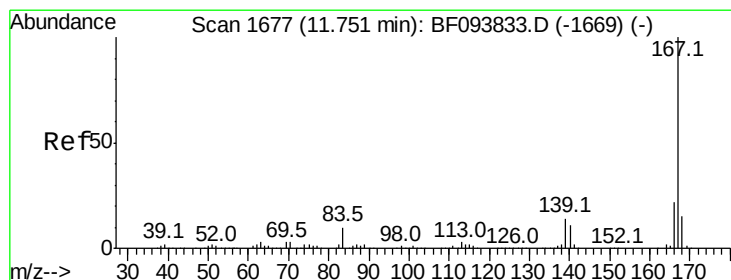
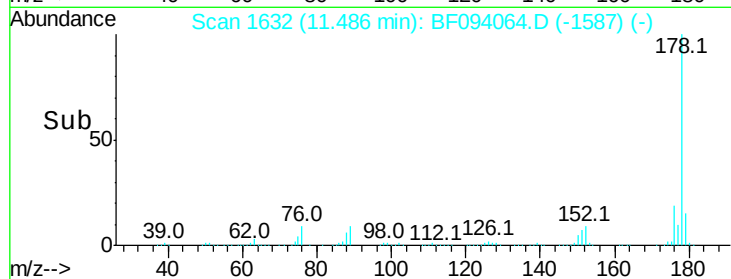
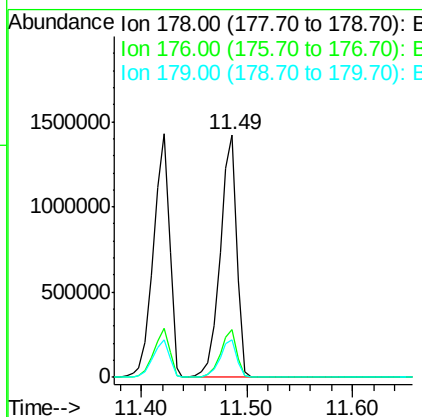
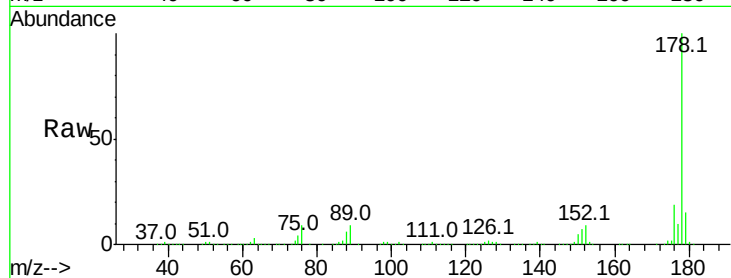




#71
 Anthracene
 Concen: 45.40 ng
 RT: 11.49 min Scan# 1632
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

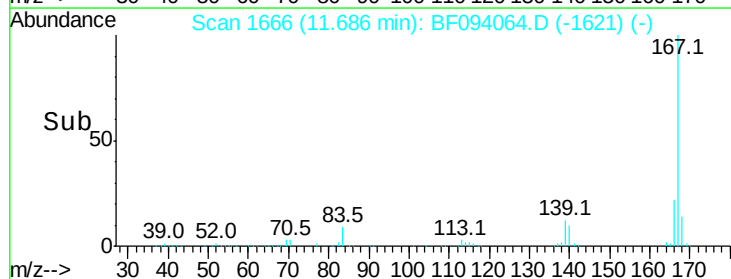
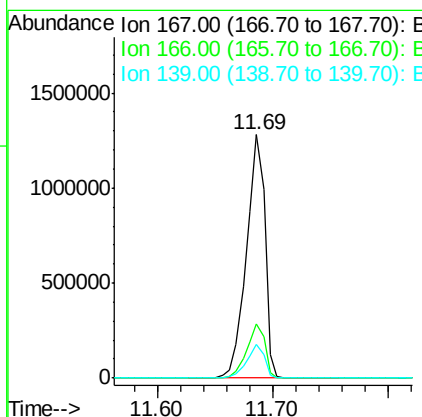
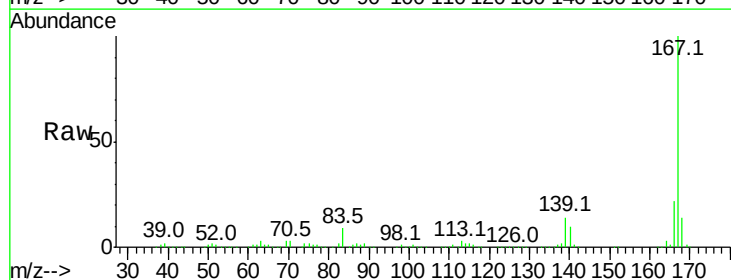
Instrument :
 BNA_F
 ClientSampleId :

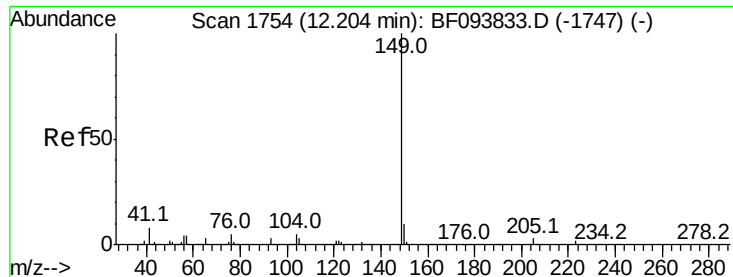
Tot Ion:178 Resp: 1566024
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 40.22 ng
 RT: 11.69 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:167 Resp: 1422733
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.6 11.7 17.5





#73

Di-n-butylphthalate

Concen: 48.33 ng

RT: 12.13 min Scan# 1742

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampled :

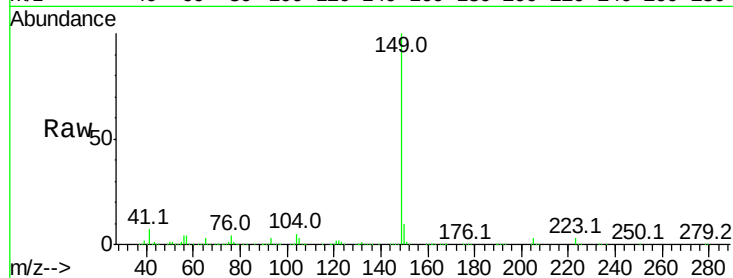
Tot Ion:149 Resp: 1777547

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

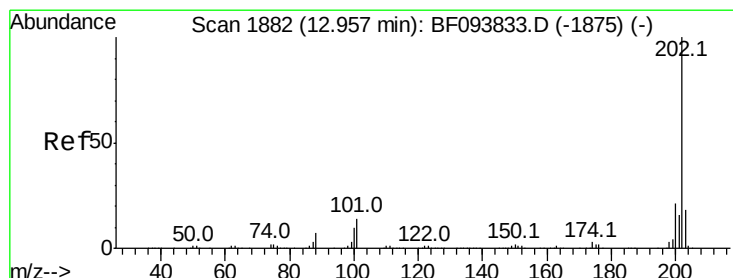
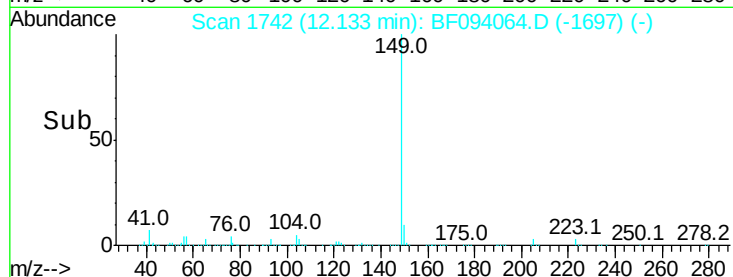
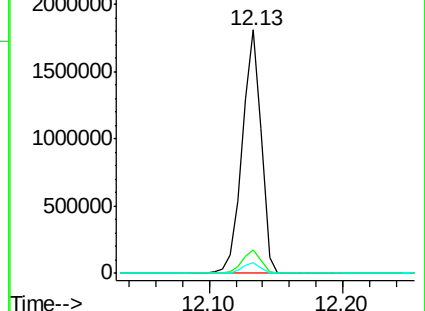
104 4.6 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 44.09 ng

RT: 12.88 min Scan# 1869

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

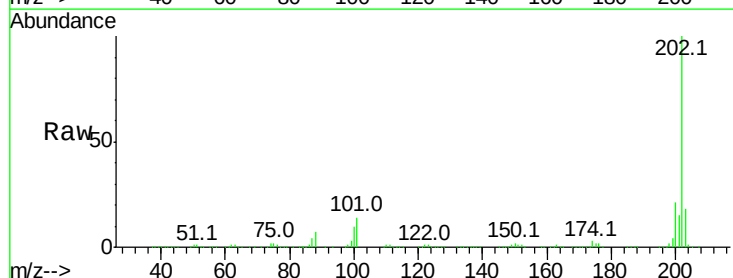
Tgt Ion:202 Resp: 1512568

Ion Ratio Lower Upper

202 100

101 13.9 0.0 33.2

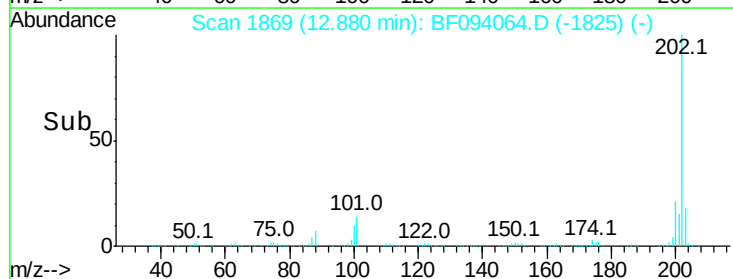
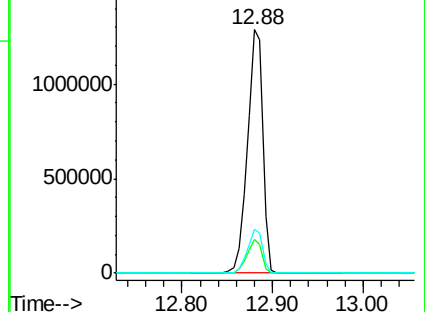
203 17.9 0.0 38.1

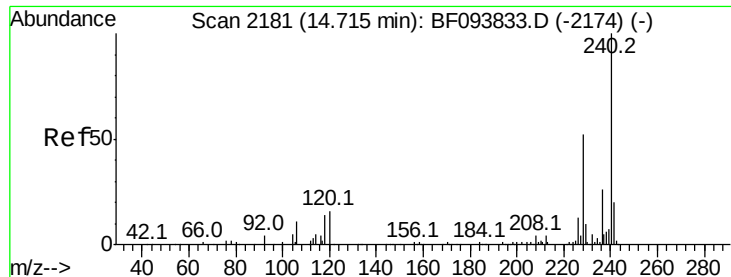


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.64 min Scan# 2169

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

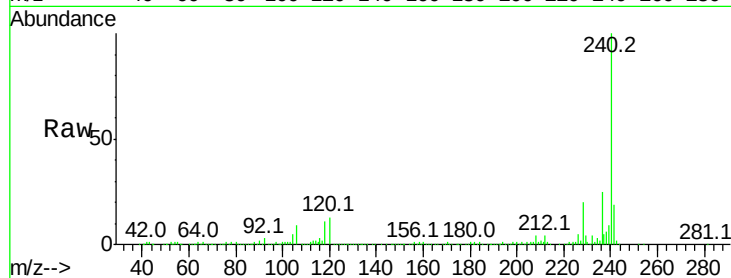
Tot Ion:240 Resp: 435836

Ion Ratio Lower Upper

240 100

120 12.8 5.8 8.8#

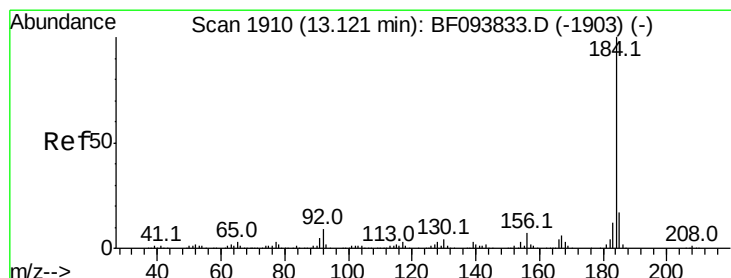
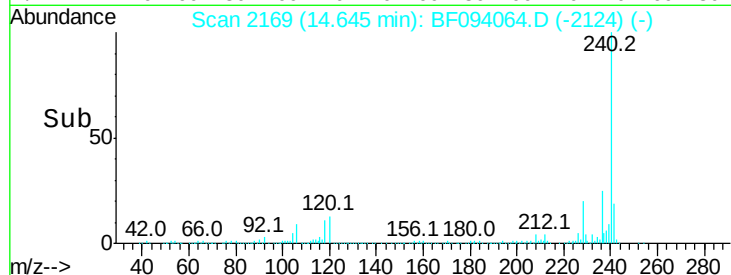
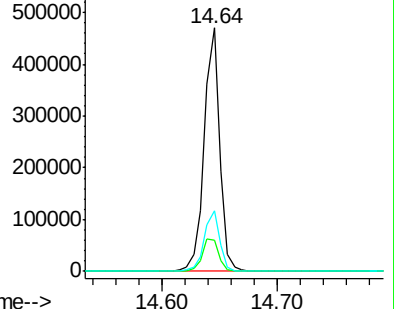
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.54 ng

RT: 13.05 min Scan# 1898

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

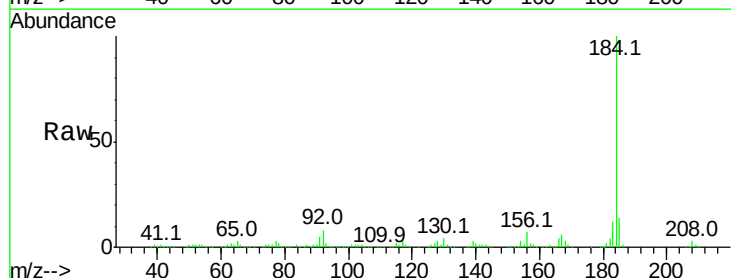
Tgt Ion:184 Resp: 509512

Ion Ratio Lower Upper

184 100

185 13.7 15.5 23.3#

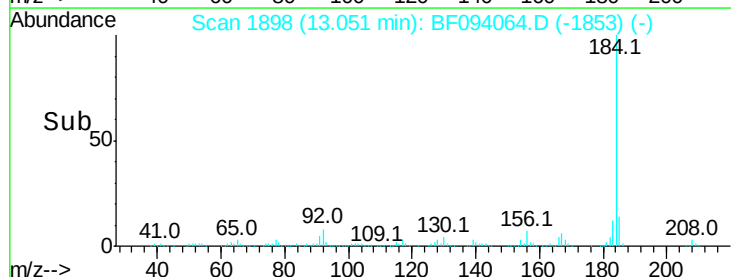
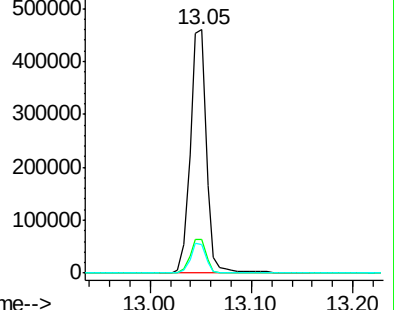
183 12.0 9.8 14.6

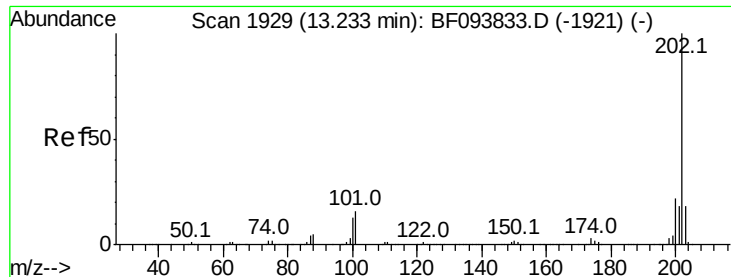


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.70 ng

RT: 13.16 min Scan# 1916

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

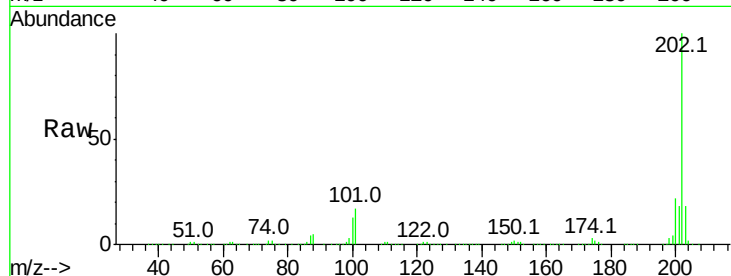
Tot Ion:202 Resp: 1508683

Ion Ratio Lower Upper

202 100

200 22.0 17.6 26.4

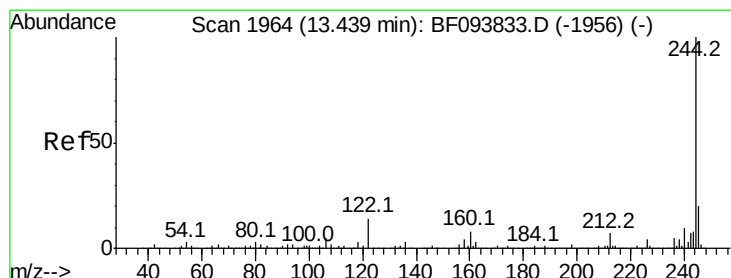
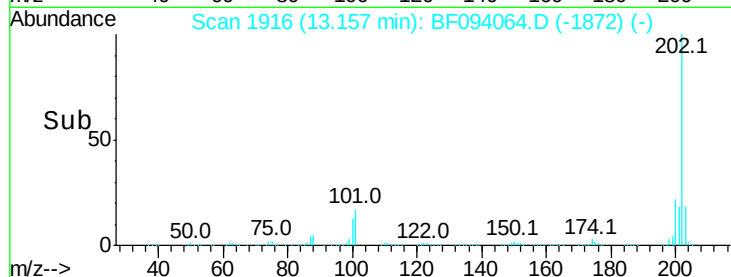
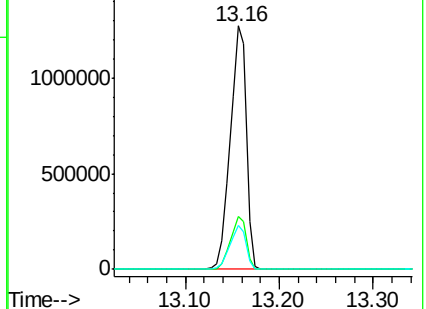
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.30 ng

RT: 13.37 min Scan# 1952

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

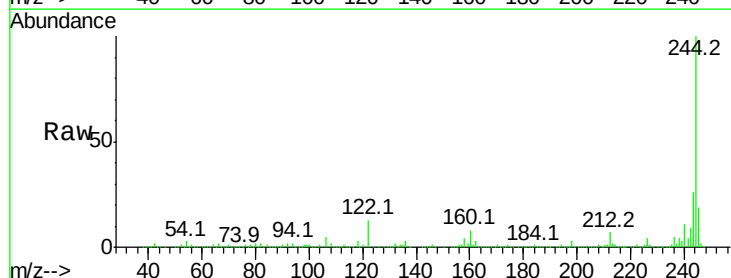
Tgt Ion:244 Resp: 1697466

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

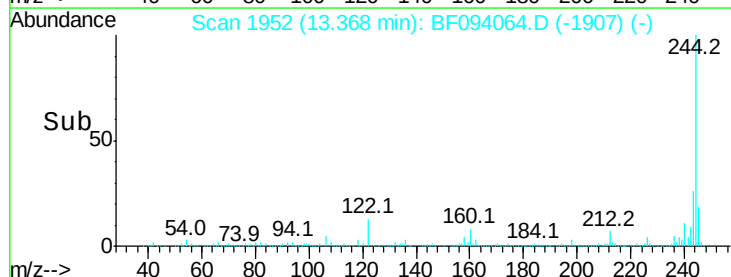
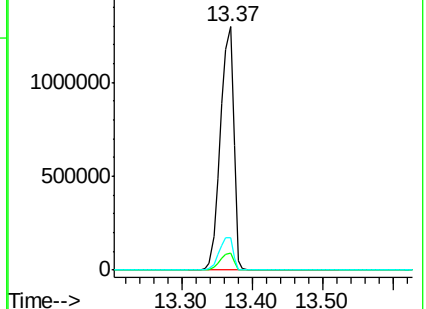
122 13.4 10.3 15.5

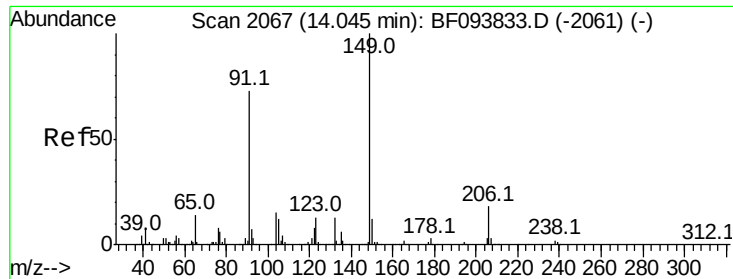


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

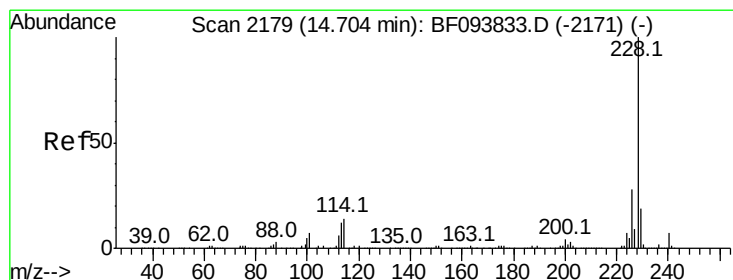
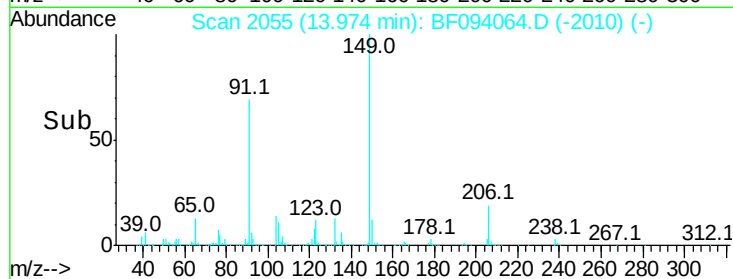
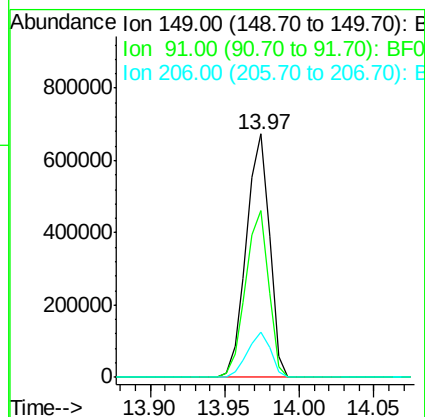
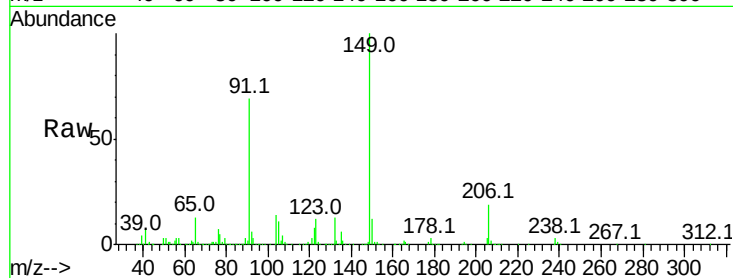




#79
 Butylbenzylphthalate
 Concen: 53.89 ng
 RT: 13.97 min Scan# 2055
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

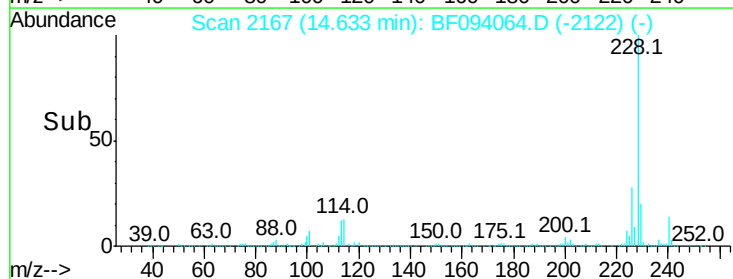
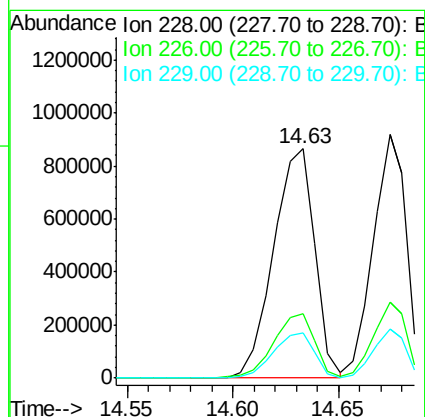
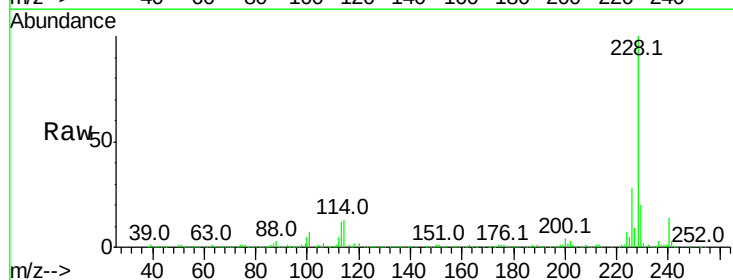
Instrument :
 BNA_F
 ClientSampleId :

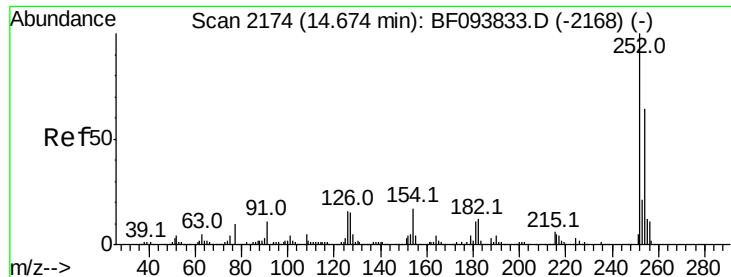
Tot Ion:149 Resp: 726212
 Ion Ratio Lower Upper
 149 100
 91 68.7 45.0 67.4#
 206 18.7 17.0 25.6



#80
 Benzo(a)anthracene
 Concen: 46.31 ng
 RT: 14.63 min Scan# 2167
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion:228 Resp: 1176942
 Ion Ratio Lower Upper
 228 100
 226 28.3 22.6 33.8
 229 19.9 16.3 24.5

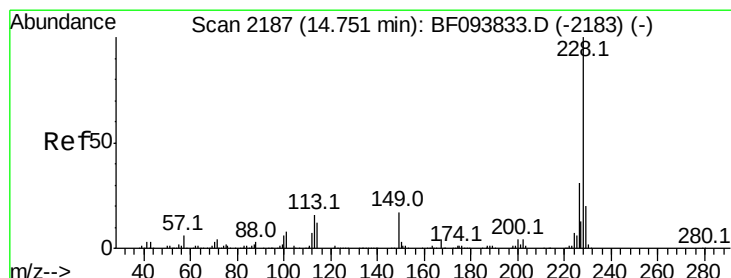
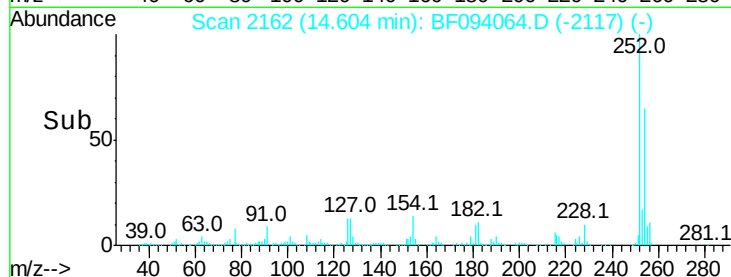
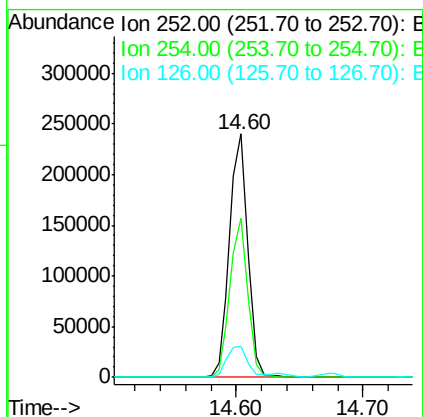
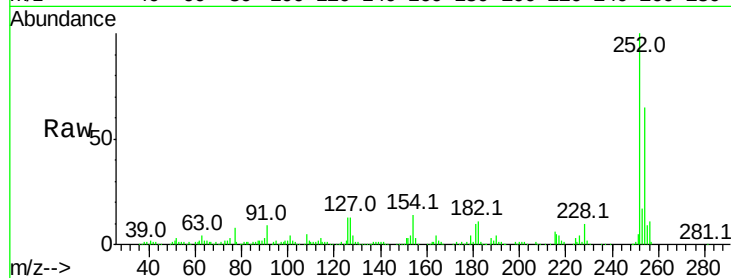




#81
 3,3'-Dichlorobenzidine
 Concen: 26.36 ng
 RT: 14.60 min Scan# 2162
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

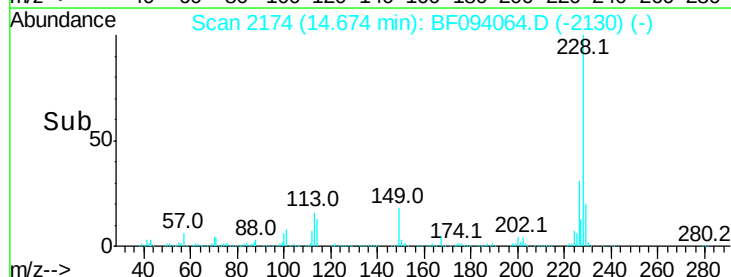
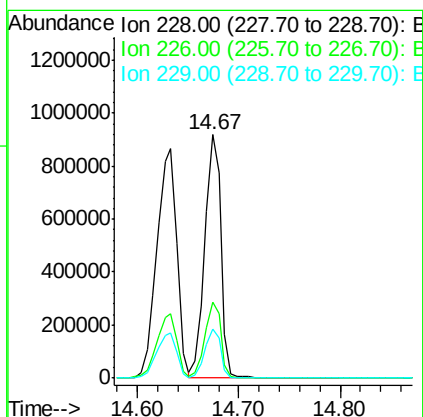
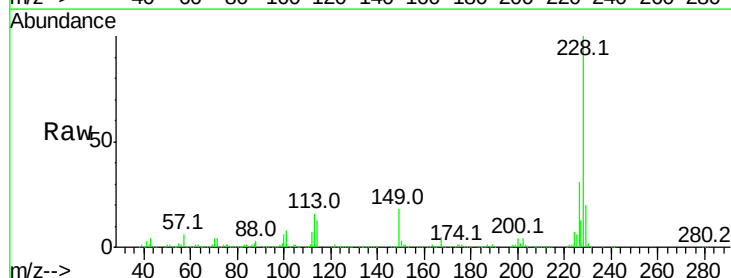
Instrument :
 BNA_F
 ClientSampleId :

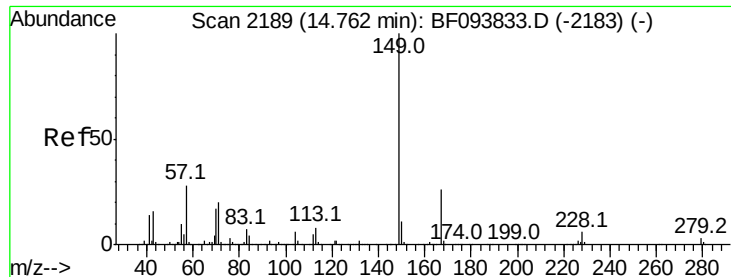
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.3	51.5	77.3
126	12.9	15.8	23.8#



#82
 Chrysene
 Concen: 42.87 ng
 RT: 14.67 min Scan# 2174
 Delta R.T. -0.04 min
 Lab File: BF094064.D
 Acq: 30 Mar 2017 18:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.9	37.3
229	20.4	15.8	23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 52.52 ng

RT: 14.69 min Scan# 2176

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

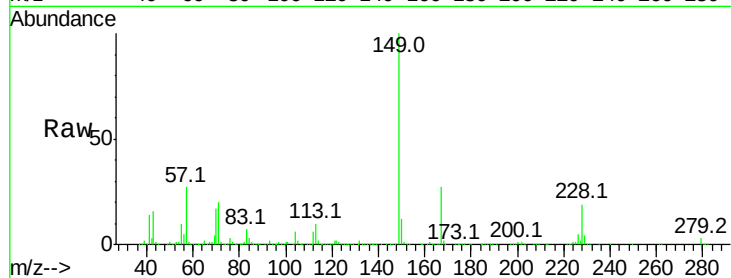
Tot Ion:149 Resp: 965678

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

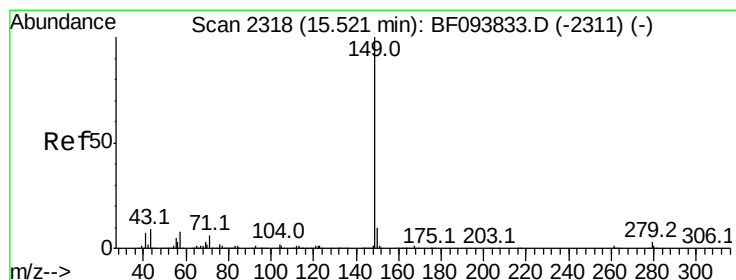
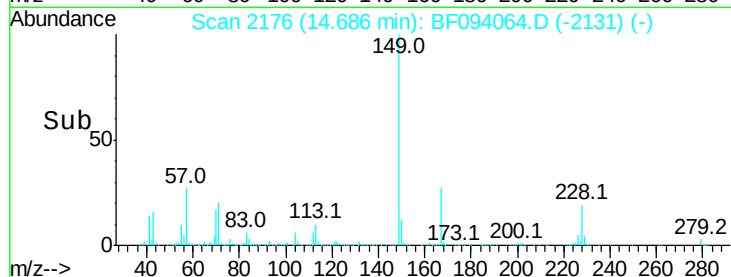
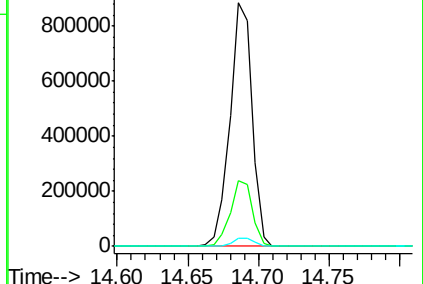
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 50.03 ng

RT: 15.44 min Scan# 2304

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

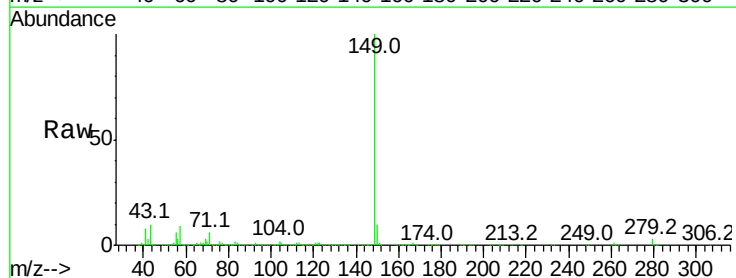
Tgt Ion:149 Resp: 1536615

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

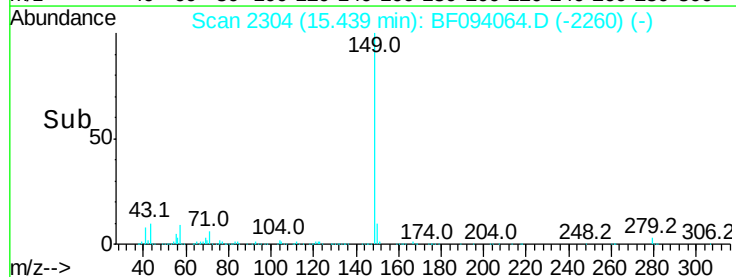
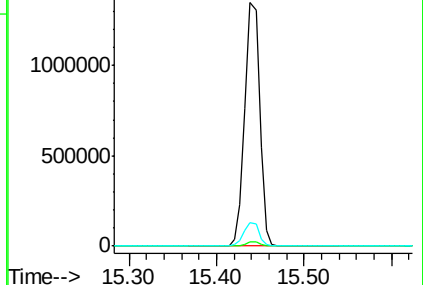
43 9.6 8.5 12.7

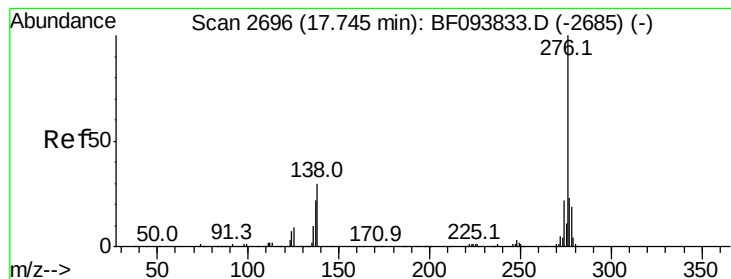


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.40 ng

RT: 17.63 min Scan# 2677

Delta R.T. -0.05 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

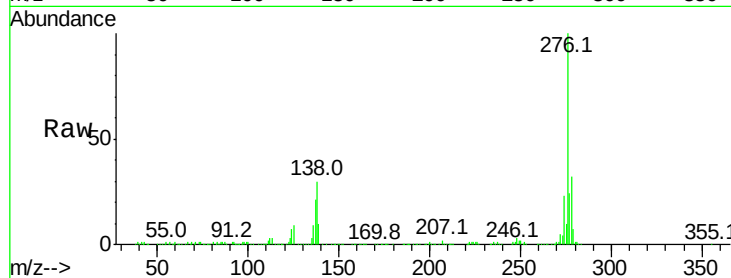
Tot Ion:276 Resp: 886535

Ion Ratio Lower Upper

276 100

138 34.6 27.8 41.6

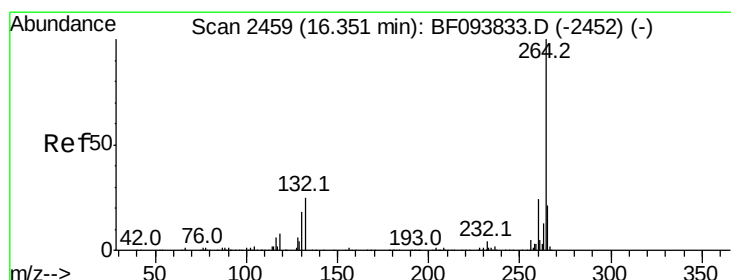
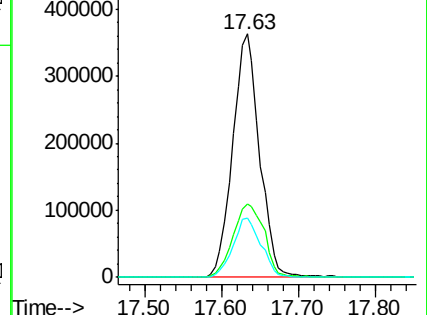
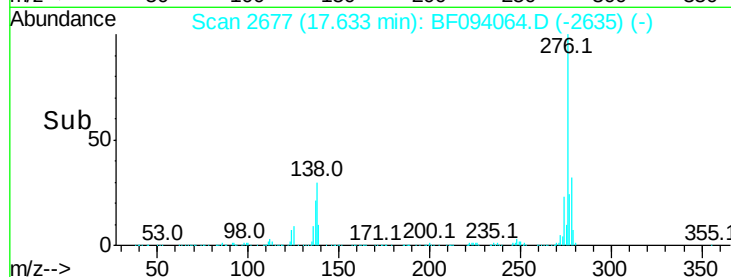
277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 16.27 min Scan# 2445

Delta R.T. -0.04 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

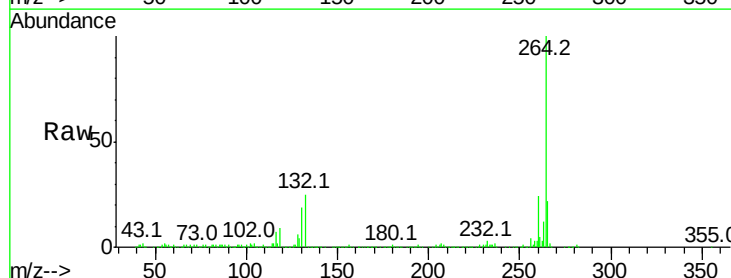
Tgt Ion:264 Resp: 318057

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

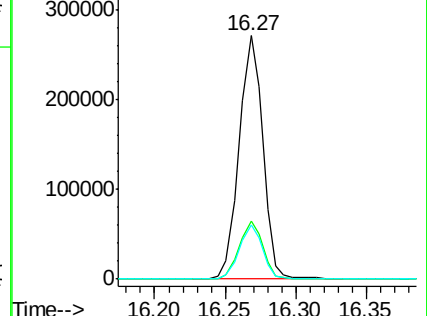
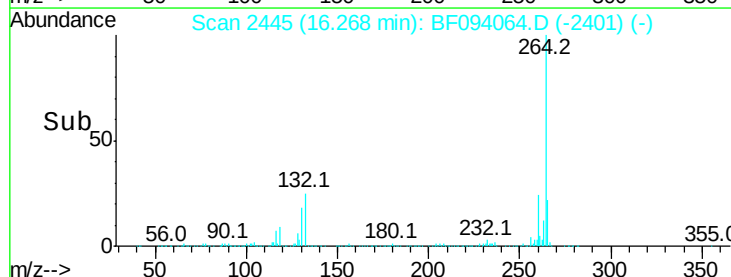
265 22.0 17.2 25.8

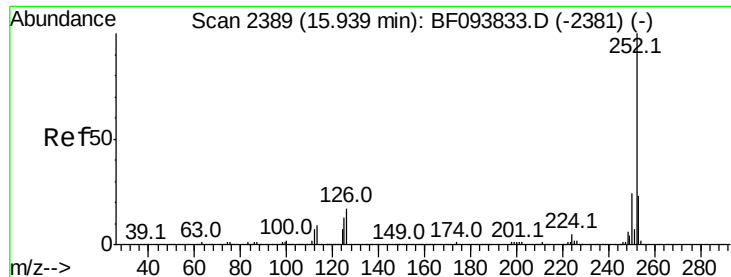


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 50.45 ng

RT: 15.86 min Scan# 2376

Delta R.T. -0.04 min

Lab File: BF094064.D

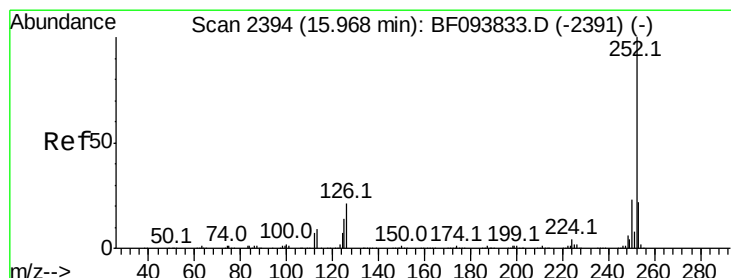
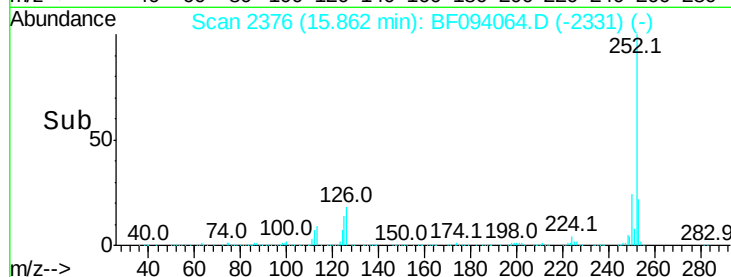
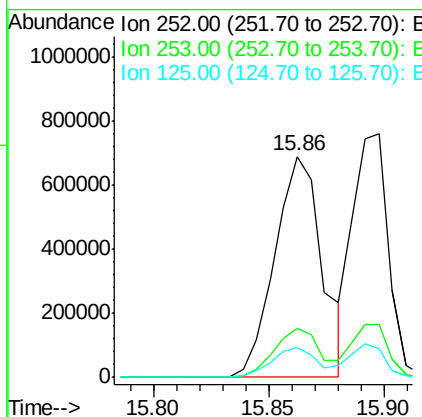
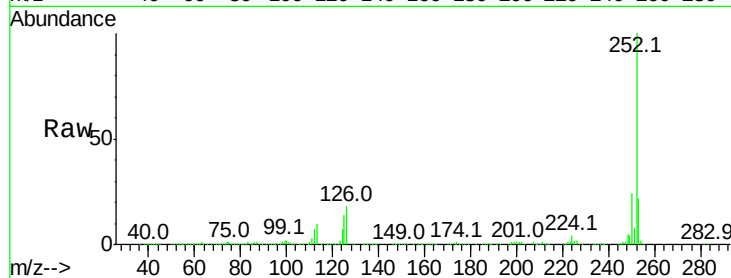
Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:252	Resp:	983507
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.1 27.1
125	13.6	9.8 14.8



#88

Benzo(k)fluoranthene

Concen: 51.56 ng

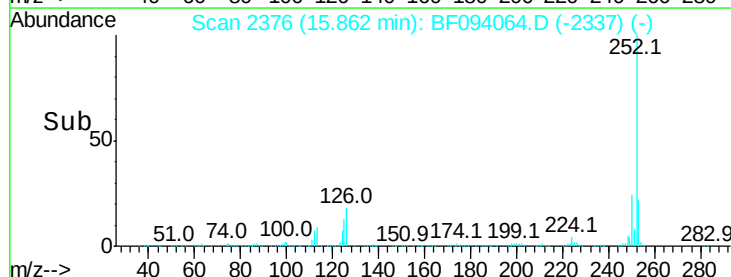
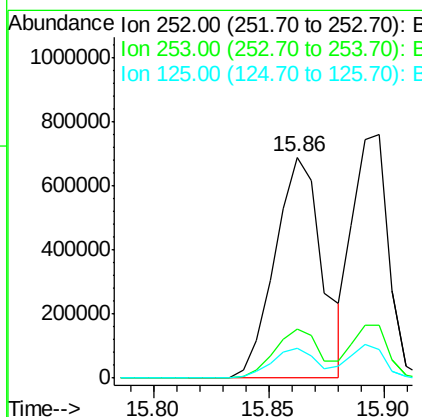
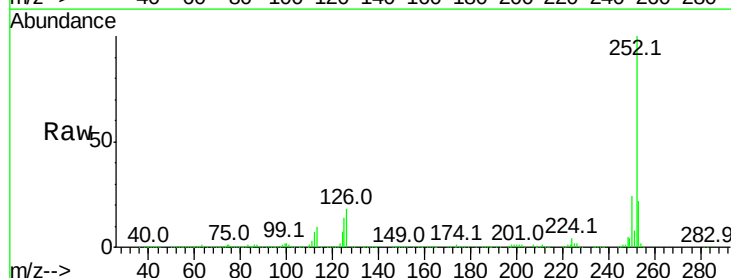
RT: 15.86 min Scan# 2376

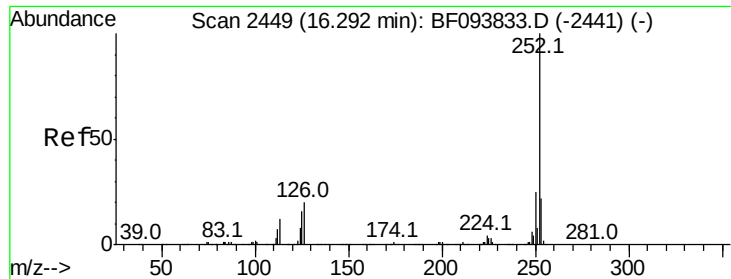
Delta R.T. -0.07 min

Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Tgt Ion:252	Resp:	983507
Ion Ratio	Lower	Upper
252	100	
253	22.3	18.4 27.6
125	13.6	13.1 19.7

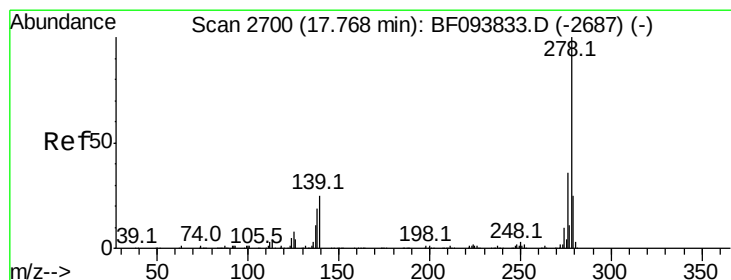
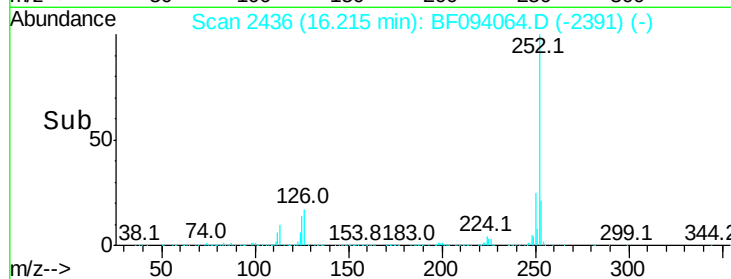
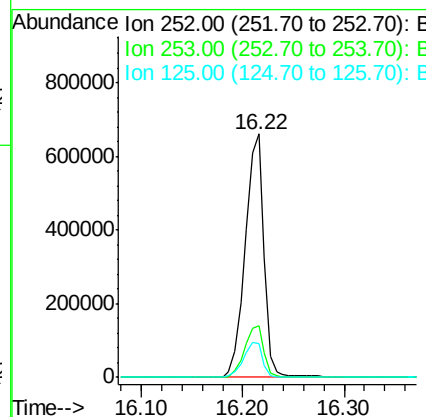
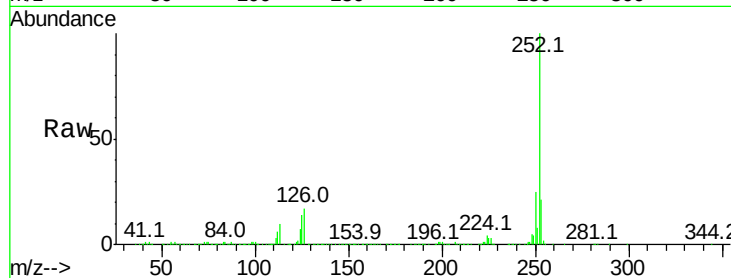




#89
Benzo(a)pyrene
Concen: 46.87 ng
RT: 16.22 min Scan# 2436
Delta R.T. -0.04 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

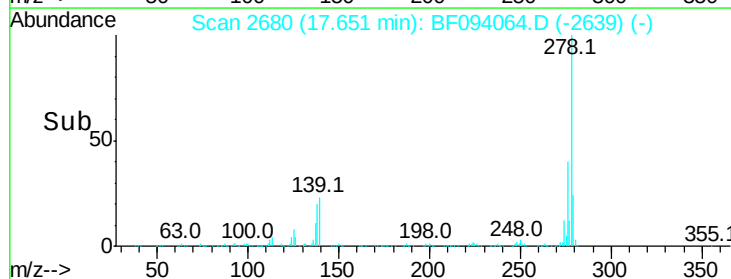
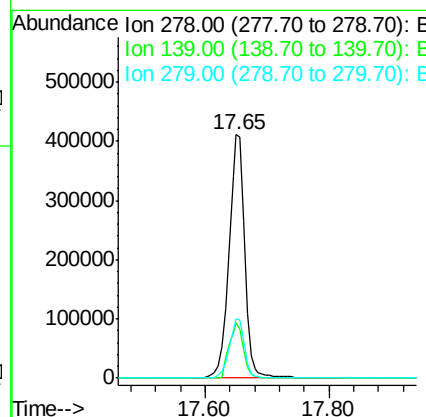
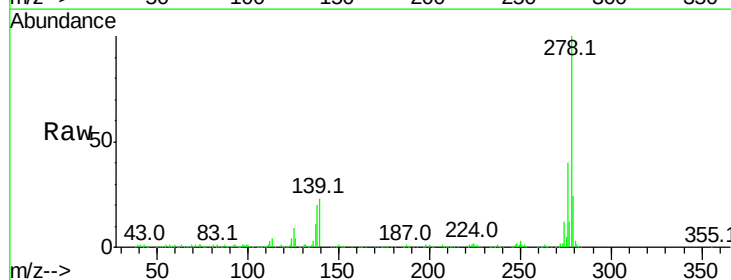
Instrument :
BNA_F
ClientSampleId :

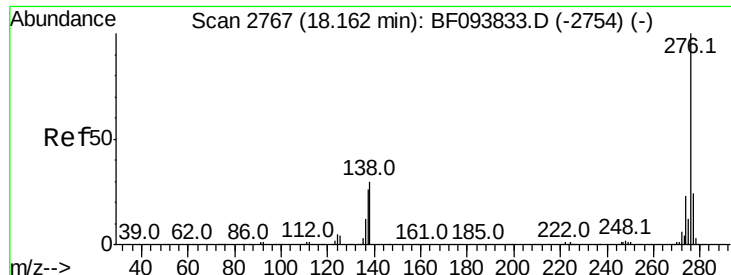
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.5	26.3
125	14.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 48.34 ng
RT: 17.65 min Scan# 2680
Delta R.T. -0.06 min
Lab File: BF094064.D
Acq: 30 Mar 2017 18:09

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.0	16.6	24.8
279	24.1	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 48.96 ng

RT: 18.04 min Scan# 2746

Delta R.T. -0.06 min

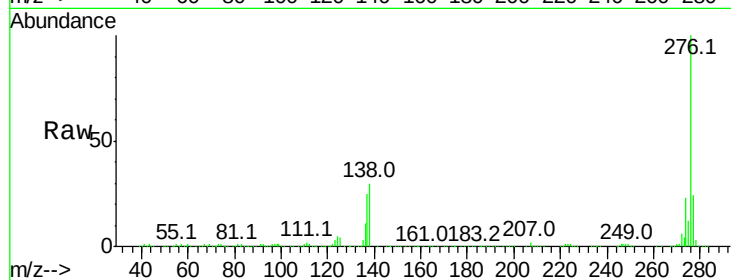
Lab File: BF094064.D

Acq: 30 Mar 2017 18:09

Instrument :

BNA_F

ClientSampleId :



Tot Ion:	276	Resp:	750278
Ion	Ratio	Lower	Upper
276	100		
277	24.5	18.6	28.0
138	30.0	25.4	38.0

